



Rockby

Electronics and Components Est. 1987

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Dec. 09 - Jan. 10

All Prices include G.S.T

New Products - Specials stock is subject to prior sale
Valid until 31st Jan. 10



We would like to take this opportunity to wish you all a Merry Christmas and Safe New Year, and thank you for all your support throughout the year From all the Staff & Management At Rockby Electronics



12VDC 12A Regulated Switchmode Supply

Model: SMP12V12A-25P
Input: 100V-240VAC
47-63Hz
Output: 12V @ 12A
Dimensions: 170 x 60 x 40mm.
*Includes IEC lead
*2.5mm DC jack (centre positive)
*Fan Cooling



\$69.00

New

#38125

7" LCD Digital/Analog In-Vehicle Portable Television

Super compact, this 7" remote control colour monitor features inbuilt digital and analogue tuners. It is suitable as a portable TV or for fixed installation in cars, boats, trucks, caravans and RVs (12V operation). On-screen menu for fine tuning of picture quality including 16:9 widescreen or 4:3 standard modes. Fully self contained with speakers and remote control. Fitted with connections for external aerial, headphones and an external AV input. This allows connection to an AV source eg DVD, game console, media player etc. USB & SD/MMC connections allow playback of MP3/WMA music, AVI video and JPG photos. For reversing camera applications, the AV input has a "flip mode" which mirrors the video input so you can safely manoeuvre your vehicle in reverse.

Features:

- *Analogue & Digital Tuner
- *Crisp & clear 7" 16:9 LCD screen
- *Resolution 1440 x 234 pixels
- *In-built stereo speakers
- *Infra-red remote control
- *Composite Stereo AV Input
- *12VDC operation for in-vehicle use
- *Channel favourites
- *Parental lock out
- *Sleep timer
- *In-built game
- *Easy to use on-screen menu

- *Electronic Program Guide
- *Battery box (supplied) requires 10 x AA batteries (not included)
- *Digital broadcast subtitle compatible
- *USB input & SD/MMC card slot for music, video & photo playback

- Includes:
- *7" LCD Digital TV Monitor
- *Infra-Red Remote Control
- *High Gain Magnetic Vehicle Antenna
- *Stereo Composite AV Lead
- *Car Accessory Socket Power Adaptor
- *Mains Power Supply
- *10 x AA Battery Box



New

\$193.00

#38171

With USB/SD card input

Wide Range Electronic Thermometer

Portable and handy pocket size four digit digital display thermometer, detachable stainless steel probe that includes 1m of cable, ideal for all service applications such as heating and ventilation system, argiculture, refrigeration and laboratories. Built in table stand and pocket clip. Fast (1 second) or slow (15 second) temperature measuring cycle operations. Adjustable high and low temperature warning/alert alarm.

Features:

- *Stainless steel probe for high temp sensing
- *Dual temperature sampling cycle
- *Full range programmable temperature alarm
- *Provide range programmable temperature recorded
- *LCD digital display
- *Low battery indication
- *Table or wall mount

Specifications:

Operating Temp.: 0 Deg C ~ +50 Deg C
Measuring Range: -50 Deg C to 260 Deg C

\$47.00

New



#38175

68W Thermoelectric (Peltier) Module

A thermoelectric module is a solid state device which can operate as a heat pump to transfer heat utilising the "Peltier effect." The three modules are suitable for cooling or heating applications up to 100 degrees C.

Temperature Differential (DT) : >=68 degrees C
Optimum Input Voltage (Vmax) :- 15V
Optimum Input Current (Imax) : 8A
Maximum Cooling Power (Qmax): 68.09W
Measures: 40 x 40 mm with lead wires

\$19.50

New

#38154

Slide/Film Scanner with LCD

Your many precious Kodak moments need not go to waste - digitally record images from your negative films and slides before they fade away. This compact and user-friendly scanner is so simple to use and it doesn't even need a computer to operate. Simply turn on the scanner, load a standard SD or MMC card, load your films or slides into the image holder and you're ready to start scanning. View each image through the crisp 2.4-inch LCD screen and rotate, mirror or adjust image brightness before saving to your memory card - what you see is exactly what you get! Each high resolution scan takes a matter of seconds so you can have a whole album of memories archived in a matter of minutes.

- *5.1 megapixel CMOS sensor
- *3,600 dpi scan resolution
- *Auto exposure and colour balance
- *Powered via USB, 5V mains adaptor or 4 x AAA batteries
- *Includes slide/film holders, and brush cleaner
- Size: 87(L) x 88(W) x 105(H)mm

\$169.10

New



#38139

Gas Sensor Alcohol Fume



\$13.70

New

#38155

Applications

- *Fermentation process control.
- *Blood-alcohol checker (BAC testing)

Specifications:

Heater Voltage: 5.0V AC or DC at less than 750mV.
Operational Temp: -10 to +50°C
Sensing Resistance : 1.0M Ω to 8M Ω (0.05mg/l to 10.0mg/l)
Assumed O $_2$ concentration: 21%

Features:

- *Very sensitive to CH $_3$ -OH alcohols
- *Benzene sensitivity
- *Simple drive circuit
- *Element behind stainless steel wier mesh

Miscellaneous Products

12VDC 19" LCD TV With In Built High Definition Tuner

Features:

- *Built in high analogue tuner
- *SVA HD panel
- *HDMI input
- *VGA input

- *Component input
- *Audio output
- *Piano black finish
- *Includes stand

Specifications:

Resolution: 1440x900dpi
Response time: 8ms
Contrast ratio: 700:1
Brightness: 300cd/m2
Colours: 16.7m
Aspect: 16:10
Power: 12/240V 48W
Size: 470x360x70mm

***Ideal for
Caravans***



\$319.00

#37939

12VDC 19" LCD TV With DVD Player & In Built High Definition Tuner

Features:

- *Built in high analogue tuner
- *SVA HD panel
- *HDMI input
- *VGA input

- *Component input
- *Audio output
- *Piano black finish
- *Includes stand

New

\$368.00

Specifications:

Resolution: 1440x900dpi
Response time: 8ms
Contrast ratio: 700:1
Brightness: 300cd/m2
Colours: 16.7m
Aspect: 16:10
Power: 12/240V 48W
Size: 470x360x70mm

***Ideal for
Caravans***



#38025

High Definition Set Top Box

Resolutions: 1920 x 1080i, 1280 x 720p, 720 x 576p and 720 x 576i
HDMI output: 1080i/720p/576p
*Fully MPEG-2/DVB Compliant
*Dolby 5.1 audio
*Auto conversion between SD & HD programs
*HDMI, VGA, Component, Optical audio & coaxial outputs

\$88.00



#38024

75Kg Universal Flat Panel Mount (Black)

*Large 32" to 60" flat panels
*15° Tilt range
*Suits up to 60" flat panels
Vesa standard mounting: 805 x 455mm
Max Weight: 75Kg
Wallboard dimension: 855mm
Colour: Black

\$29.80



#37807

4.7A 19VDC 90W Notebook Power Supply

Device:ADP195-31
Desc.: Laptop Power Supplier that is compatible with most models
Input Voltage:100-240VAC
Inc. 6 Adaptors to suit most Notebooks Acer,Asus,compag, Nec,Sharp,Dell, Toshiba,Sony,Panasonic,Fujitsu,IBM HP,etc.
Size(mm): 133x59x33

\$55.00



#37862

2.4GHz Wireless AV Sender

Penetrates walls, ceilings and floors for clear signal Tx up to 80m away at open air space Built-in infra-red sensors allow you to use your existing remote to control DVDs, VCRs, Satellite and Set-top boxes
Includes: AC/DC Adaptor 3 RCA Lead

\$45.00



#36887

USB HD TV Turner (Inc. Remote)

With the DVB-T stick you can watch digital TV on your PC or Laptop, in a window or full screen. DVB-T digital TV gives you better pictures and CD quality sound. You can also listen to DVB-T radio in stereo.* DVB-T radio is not DAB radio. Record DVB-T digital TV to your PC's hard disk, playback your TV recordings at any time onto your PC screen. This unit also comes with a portable antenna so you can watch digital TV at home or while you travel with your laptop. Strong reception is required for optimal viewing or a larger on roof antennae would be required for weaker signal areas.

Specifications:

Receiving frequency: TV/48.25~863.25MHz
Bandwidth:6/7/8 MHz Auto-Select
*fully DVB-T compliant

Package Contents:

- *STB10USB DVB-T Stick.
- *Portable DVB-T antenna
- *Software on CD-ROM
- *Remote control.
- *Quick Installation Guide

\$39.00



#37503

HDMI Repeater (Up to 35m Lead Length)

For extending HDMI lead lengths. Simply plugs in line and boosts signal
* HDCP compliant
* Requires 5VDC Power supply

\$22.00



#37680

MP3 FM Wireless Stereo Transmitter

Use with MP3 player/CD/DVD/MD/PC/Laptop Computer/Digital Camera/Mobile/Cassette Player. With 12V Car adaptor for your Device or 2 of "AAA" size batteries (not included)
Manufacturer: SANSAI

\$17.50



#36679

DVD Maker 2 (Capture Analogue Video)

With 1 Click function, DVD Maker 2 rapidly capture analog video in CyberLink PowerDirector 6 from any sources in High performance MPEG 4/2/1 in your Hard Drive, convert them into your iPod, PSP, or any of your small mobile device

Features:

- *Automatic NTSC/PAL detection
- *Capture Video Source from VHS, V8, Hi8, etc.
- *Output as a file for iPod or PSP and you also can Publish directly to You Tube
- *Right-to-disc enables direct recording of DV content to DVD disc via CyberLink PowerProducer 4.
- *Support Hardware one-button recording when you are under PowerDirector V6 Capture mode.
- *Support Red LED turns on and turns off by recording function.
- *Edit the Video in MPEG 4/2/1 Format
- *External video input: Composite and S-Video
- *Burn video files on to DVD/VCD/SVCD

Specifications:

Interface: USB 2.0
Video Input Composite Input: RCA jack
S-Video: 4-pin Mini-Din
Audio Input: RCA L/R input
Video resolution: NTSC 720 x 480 @ 30 FPS
PAL 720 x 576 @ 25 FPS
Dimensions: 70mm X 30 mm X 10.8 mm

Package contains:

- *DVD Maker 2
- *Multi-Cable
- *External USB Cable
- *Quick Start Guide
- *CD-ROM with Driver
- *CD-ROM with CyberLink PowerDirector 6 and CyberLink PowerProducer 4
- *CD-ROM with 3DBank CGPAK and DV Loop

\$65.50



#37812

SCART to 3xRCA Sockets & S-VHS Socket

Ideal for conversion of SCART socket to an RCA or SVHS lead Input/Output

- * Satellite Receivers
- * Pay TV Receivers
- * DVD/TV/VCR
- * AV Amplifiers
- * Bi-directional

\$3.70



#31902

1.8m Scart to 3 x RCA Lead

Desc.: Scart to 3 x RCA Male Lead
Length: 1.8m
Colour: Black

\$6.20



#34277

Multimeter & DC Power Supply & Solder Station

(Three in one LAB unit)

Specifications

Digital multimeter:

3 1/2 backlit LCD
automatic polarity indication
DC voltage: 200mV to 600V in 5 steps
AC voltage: 200V and 600V
DC current: 200µA to 10A in 5 steps
resistance test: 200 ohm to 2Mohm
diode, transistor and continuity test
data-hold function and buzzer

Soldering station:

low-voltage iron: 24V
ceramic 48W heating element with temperature sensor
temperature range: OFF - 302 - 842°F
lead-free soldering possible
supplied with sponge and spare bit

Regulated power supply:

selectable output voltages: 3 - 4.5 - 6 - 7.5 - 9 - 12VDC
output: 1.5A (2A peak)
LED overload indication
with output on/off switch

#34766

Features

- * contents: 1 multimeter, 1 power supply & 1 soldering iron
- * this unit covers 99% of your home lab needs
- * perfect solution for starters or schools

Manufacturer: VELLEMAN LAB1

\$149.50



Mini Gas Blow Torch



\$8.50

#38128

A handy flip-top keyring blowtorch, ideal for those quick jobs on the go! Easy one hand operation with adjustable flame, one click piezo ignition and easily refillable with butane gas. Made by the same company that make our hugely successful range of gas irons

Mini Pro Torch

The mini pro torch is a light weight, robust blow torch. The 1300°C flame makes it suitable for a wide variety of tasks from silver soldering or brazing to automotive repairs. The 20ml gas tank will last approximately 60 minutes at mid setting

Features

- *Easy start and reliable piezo ignition
- *Torch stays lit after initial ignition
- *Up to 1300°C flame temperature
- *Refillable gas chamber

- *Ceramic flame guard
- *Wind-proof jet flame
- *Water proof ignition system
- *Child resistant safety ignition

\$29.80

#36325



Micron Soldering Station

Features:

- *High insulation ceramic heating element for both rapid heat-up and instant recovery
- *Heater insulation of over 100M
- *Supplied with iron stand and sponge.

Range: 250 Deg.C ~ 440 Deg.C is switch selected. Heater 24V 40W
Voltage input: 240V AC
Insul. resistance: > 100MΩ @ 400°C
Heater voltage: 24V AC
Heater element: Ceramic
Power: 40 watts
Stability at idle: ± 6°C
Temp. range: 250°C to 430°C
Leakage voltage: < 2mV
Protection: 0.5A

#13622



\$77.20

40W Temp. Controlled Soldering Station

This professional electronic temperature controlled soldering stations have been developed to meet the present and future needs of the electronics industry. They incorporate a sophisticated electronic circuit which enable the user to change the tip temperature from 320F (160C) to 900F (480C) without the need to change the tip or the heating element. The temperature is maintained within ±10°F of its preset temperature. This is made possible by a unique temperature sensor that is located near the tip. Resulting in rapid response and little temperature variation. The tip of the unit is isolated from the AC line by a transformer. Completely electronic switching protects voltage and current sensitive components against transient spikes sometimes caused by other units utilising mechanical switching circuits

Professional quality temperature controlled unit

- *Adjustable temperature control equivalent to 40Watts
- *Burn resistant cord
- *Multi coloured LED
- *Sponge and Iron holder
- *Dimensions: 96 x 116 x 170mm WHD

Tip to suit 40W Soldering Station

#37697	0.8mm	\$5.90
#37699	1.0mm	\$5.90



\$45.50

#37940

240V Earth Leakage Detector (ELCB Tester)

This device is designed to test a 240V mains power point for correct operation, plus simulate an earth leakage condition to test the Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD) protecting that power point. It provides ELCB/RCD trip testing at 10, 15, 30 and 100mA. Neon indicators provide instant feedback for electricians installing power points, enabling fast verification of correct wiring configuration.

#37721



\$14.80

SMD Tweezer Test Probes For DMM

Desc.: Identify those impossible to read SMD components. A handheld tweezer 'plug in' adaptor to suit just about any DMM. Permits on board or stand alone testing of surface mount devices including resistors, capacitors
Length: 450mm

#37681

\$14.50



750VA UPS with 5 Port Power Board

This allows for critical equipment like computers, monitors and modems to be protected from power outages as well as power spikes and surges. Simultaneously, less critical peripherals including printers and scanners may be surge protected with the same unit by plugging directly into the two surge protected outlets.

Specifications:

Capacity: 750VA / 450W
Input Voltage: 230VAC
Voltage Range: 170 - 285 VAC
Output Voltage Range: 230 VAC +/- 10%
(Inverter Mode) Frequency: 50Hz +/- 1Hz
Transfer Time: Typical 2 - 6 mSec, 10 mSec max.
Recharge Time: 4 Hrs recover up to 90%
Dimension (WxHxD mm) 199 x 91 x 292
Weight (W Battery Kg) 6.88 kgs
Operation Temperature: 0-40° C
*Waveform Simulated Sine Wave
Manufacturer: Upsonic UPS ORION

\$149.40

#38147



1000VA UPS F/Stand L/Interactive with USB

This unit is designed to supply backup power and power conditioning of a home PC, or a small office environment.

Specifications:

Rating: 1000VA / 600W
I/P- O/P : 220-240VAC
Max Input Current: 5.0A
Max Output Current: 4.5A
O/P Freq.: Synchronized
Transfer Time: 10ms
Battery type: Lead Acid
Dim.: 300x120x197mm
Weight: 12kgs

Features:

- *AVR (Automatic Voltage Regulation) Buck and Boost system to hold the mains voltage at 240V over a wide range, before the battery kicks in. This prolongs battery life by a large amount.
- *Australian standard sockets on the rear for ease of use, ve design, step sine wave design
- *Useful display showing battery capacity and load graphically, overload, charge, fault and normal
- *Micro-processor controlled
- *Smart USB connection, port and software (included) for automatic computer shut down
- *Alarm function by buzzer and display
- *Fax, modem or telephone protection port
- *Overload and short circuit protection on the output

#37822

\$245.00



60VDC 3A Bench Top Power Supply

Specifications

Reading: Simulation
 Power: AC 115V/230V \pm 10V 50/60Hz
 Basic Accuracy: 2.5% of full scale
Output
 Range: 0-60V 3A
 Constant voltage operation
 Load regulation: 0.02%+3mV \geq 100W
 Line regulation: 0.02%+3mV
 Noise and ripple: 0.02%+3mV
Constant Current Operation
 Load regulation: 0.2%+0.5mA
 Line regulation: 0.2%+0.25mA
 Noise and ripple: 3mArms

Fixed voltage output
 Range: 5V/3A
 Load regulation: 10mV
 Line regulation: 5mV
 Noise and ripple: 2mVrms
 Voltage Accuracy: 5V \pm 0.25V

Track
 Pattern: Single / series / parallel
 Tracking error: 0.25%+2mV
 Continuous adjustment: 300mV
 Voltage Protection: Electrode contrarian

\$525.00

#38151

New



General

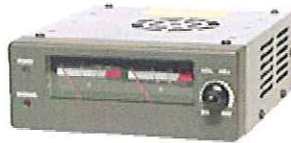
Size: 142*260*335mm
 Weight: 8.5kgs
 Manufacturer: Escort: EPS 6030T

4-16VDC 15A Regulated Power Supply

This compact bench power supply incorporates the latest switchmode technology and delivers up to 15 amps regulated output between 4 and 16V. Includes panel mount volt and amp meters. Voltage output is adjusted via the front panel control. Binding posts are provided for load connection. Ideal for voltage sensitive devices. Includes cooling fan. Please note that this unit is not suitable for powering loads with high inrush/startup currents (ie; incandescent lighting) due to limitations of its switchmode design.

Specifications:

Output Voltage: 4-16V adjustable
 Current Rating: 13.5A continuous (15A)
 Regulation: less than 1%
 Ripple: <9mV p-p at rated load
 Dimension (mm): 155W x 55H x 165D
 Weight: 1.2Kg



\$96.00

#38129

25A - 3 to 15V Benchtop Power Supply

Boasting a massive 25A this power supply is ideal for testing 2 way radios, car stereos, high power RF transmitters, inverters and the like. The output voltage can either be fixed at 13.8V or fully variable from 3 - 15V via the front panel control.

Specifications:

Voltage Output: 3 to 15V DC adj. @ 0-25A
 Auxiliary Outputs: NA
 Ripple & Noise: Less than 5mV
 Line Regulation: 50mV \pm 10%
 Load Regulation: 200mV 0-100% Load
 Display: Twin LCD meters
 Dimensions: 220W x 110H x 220L mm
 Net Weight: 3.2kg

Features:

- *Regulated variable output voltage or fixed 13.8V (selectable)
- *Digital LED meters
- *Overload & short circuit protected
- *Extremely low ripple & noise
- *Highly efficient switchmode design



\$195.00

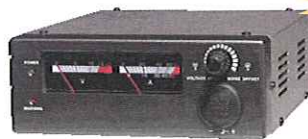
#33417

4-16 VDC 45A Regulated Power Supply

This compact bench power supply incorporates the latest switchmode technology and delivers up to 45 amps regulated output between 4 and 16V. Includes panel mount volt and amp meters. Voltage output is adjusted via the front panel control. Binding posts are provided for load connection. Includes cooling fan.

Specifications:

Output voltage: 4-16V adjustable
 Current rating: 40A continuous (45A max.)
 Regulation: less than 1%
 Ripple: <9mVp-p at rated load
 Dimension: 172W x 65H x 200D
 Weight: 2kg



\$205.00

#37144

5V 60A 300W DC-DC Power Supply

Features:

- *2:1 wide input range
- *Protections: Short circuit / Overload / Over voltage / Over temperature
- *1500VDC I/O isolation
- *Forced air cooling by built-in DC Fan
- *100% full load burn-in test
- *24V and 48V input voltage design refer to LVD

Specifications:

Output
 DC Voltage: 5V
 Rated Current: 60A
 Current Range: 0-60A
 Rated Power: 300W
 Voltage Adj. Range: 100m Vp-p
 Voltage Tolerance: +- 2.0%

Input
 Voltage: 72-144VDC
 Efficiency: 78%
 DC Current: 6A/96V
 Dimensions: 215x115x50 (LWH)
 Weight: 1.1Kg
 Manufacturer: Meanwell SD 350D-5



\$75.00

#38089

10MHz Bench Top Function Generator



New

Specifications:

Output Frequency 0:01Hz to 10MHz, 8 Ranges
 Waveforms: Sine, Triangle, Square, Ramp, Pulse, TTL
 Amplitude: 10vp-p@50 ohms
 Offset: +/-10VDC
 Display Mode: 6 Digits of Seven-Segment Led
 Mode: Internal / External
 Sweep Time: 10msec to 5 sec
 Sweep Rate: 1:1 to 1:100
 Frequency Counter: 5Hz-50Mhz
 Show digits: 4-digit LED display
 Scanning: Linear
 Dimensions: 261 x 71 x 211mm LWH
 Weight: 1.6kg
 Manufacturer: Escort EGC3236A

\$565.00

#38178

5MHz Bench Top Function Generator



Specifications:

Output Frequency 0:01Hz to 5MHz, 8 Ranges
 Waveforms: Sine, Triangle, Square, Ramp, Pulse, TTL
 Amplitude: 10vp-p@50 ohms
 Offset: +/-10VDC
 Display Mode: 6 Digits of Seven-Segment Led
 Mode: Internal / External
 Sweep Time: 10msec to 5 sec
 Sweep Rate: 1:1 to 1:100
 Frequency Counter: 5Hz-50Mhz
 Show digits: 4-digit LED display
 Scanning: Linear
 Dimensions: 261 x 71 x 211mm LWH
 Weight: 1.6kg
 Manufacturer: Escort EGC3235A

\$295.00

#37170

4-16 VDC 25A Regulated Power Supply

This compact bench power supply incorporates the latest switchmode technology and delivers up to 25 amps regulated output between 4 and 16V. Includes panel mount volt and amp meters. Voltage output is adjusted via the front panel control. Binding posts are provided for load connection. Includes cooling fan.

Specifications:

Output voltage: 4-16V adjustable
 Current rating: 22A continuous (25A max.)
 Regulation: less than 1%
 Ripple: <9mVp-p at rated load
 Dimension: 126W x 100H x 180D
 Weight: 1.5kg



\$120.20

#37438

50VA 240VAC to 115VAC Stepdown Transformer

Includes overheat protection. If the unit gets too hot, the thermal fuse will open, then close after unit cools down, restoring operation. Two pin US socket on unit for 110V appliance and cord plug for 240V power.

Power: 50VA.
 Is not dielectrically isolated.

\$23.50

#35614



Non-Contact AC Test Probe & LED Torch

This handy AC non contact tester is a great addition to any toolbox. It detects live AC voltages from 100V to 600V (50-60Hz). Easy operation allows detection of live wires without contact. Whenever AC is detected at a power point, sheathed or bare ended cable, the tester will light up red. This provides an instant indication of which cables or power outlets have lethal high AC voltages present. Operating with mains voltages without a tester such as this can be dangerous. An essential test tool for the electrical tradesperson, fitter, technician or anyone operating with AC power sources

Features:

- *AC Voltage detection without contact from 70-600VAC
- *DC polarity check 1.5V-36VDC
- *In-built LED light for working in dark areas
- *CAT III 1000V rated
- *Dimensions 176 x 26mmØ



#38127

\$9.50

Digital Displaying Satellite Finder

New

Features:

- *Electronic Signal Level Display
- *Audio Buzzer
- *4 Adjustable Attenuation Levels
- *Mute Button
- *No Battery Needed
- *Fully DVB Compliant
- *F-Type Settings
- *Adjustable Stand On Rear Of Case

Specifications:
 Freq. Range: 950-2150MHz
 Signal Level: -65dBm~25dBm
 Polarization: Vertical & Horizontal
 Weight: 60g
 Size: 105x50x23mm



\$39.80

#38133

1000A AC/DC Current Clamp Meter

Specifications:

Display: 3999 counts
 DCV: 0.4/4/40/400V±0.8%, 1000V±1.0%
 ACV: 4/40/400V±1.0%, 700V±1.2%
 DCA: 400/1000A±3.0%
 ACA: 400/1000A±3.0%
 Resistance: 400/4k/40k/400k/4M±1.0%, 40M±2.0%
 CAP: 4n/40n/400n/4µF±4.0%
 Frequency: 40Hz to 100kHz±2.0%
 Temperature: -40°C to 750°C±1.0%
 Duty cycle: 0.1% to 99.9%
 Power: Battery 6F22 (9V) x 1
 Size: 250mm x 99mm x 43mm
 Weight: Approx. 480g
 Manufacturer: Mastech MS2101



\$165.00

New

#38145

600A AC/DC Current Clamp Meter

Specifications:

AC current
 Range: 600A
 Resolution: 1A
 Accuracy: ±2.0% read
 Overload protection: 600A continuous
 DC voltage
 Range: 600V
 Resolution: 1V
 Overload protection: 600V RMS
 Frequency: 1Hz to 2Hz±1.0%
 Operating Temperature: 0°C to 45°C
 Size: 85mm x 208mm x 4mm
 Weight: Approx. 380g
 Manufacturer: Finest 110



New

\$105.00

#38173

20A DMM Digital Multimeter

Specifications

DC voltage: 200m/2/20/200 /600V
 basic accuracy: ±0.5%
 input impedance: 10Mohm
 maximum input: 600V
 AC voltage: 2/20/200/600V
 basic accuracy: ±0.8%
 input impedance: 10Mohm
 frequency range: 40-400Hz
 maximum input: 600V
 DC current: 200µ/2m/20m/200m/10A
 AC current: 2m/20m/200m/10A
 Resistance: 200/2k/20k/200k/2M/20M/200M
 Overload protection: 250V
 Manufacturer: Velleman DVM92



\$43.50

#38172

New

1000V Digital Insulation Tester

New

Specifications:

Display: 1999 counts, digit is 22mm high
 Insulation resistance: 200M/250V±3.0%, 200M/500V±3.0%,
 0 ~ 1000M/1000V±3.0%, 1000 ~ 2000M/1000V±5.0%
 DC voltage: 1000V±0.8%
 AC voltage: 700V±1.5%
 Resistance: 2000ohm±1.2%
 Power: 1.5V (AA) x 6
 Size: 190mm x 82mm x 36mm
 Manufacturer: Mastech MS5201
 Features:
 *Designed to international safety standard:
 IEC1010-1 CAT III 600V, CAT II 1000V
 *Data hold
 *Sound and flash alarming



\$215.00

#38150

USB 2.0 Experiment Interface Board

The interface board has 5 digital input channels and 8 digital output channels. In addition, there are two analogue inputs and two analogue outputs with 8 bit resolution. The number of inputs/outputs can be further expanded by connecting more (up to a maximum of four) cards to the PC's USB connectors. All communication routines are contained in a Dynamic Link Library (DLL) K8055D.DLL. You may write custom Windows (98SE, 2000, Me, XP) applications in Delphi, Visual Basic, C++ Builder or any other 32-bit Windows application development tool that supports calls to a DLL. Source code for Visual Basic, Delphi and Borland C++ Builder included.

Features:

- *5 digital inputs (0= ground, 1= open) (on-board test buttons provided)
- *2 analogue inputs with attenuation and amplification option (internal test +5V provided)
- *8 digital open collector output switches (max 50V/100mA) (on-board LED indication)
- *diagnostic software with DLL included

Specifications

2 analogue outputs:
 0 to 5V, output resistance 1K5
 PWM 0 to 100% open collector outputs max 100mA
 / 40V (on-board LED indication)
 General conversion time: 20ms per command
 Power supply: through USB approx. 70mA
 Dimensions: 145 x 88 x 20mm
 Manufacturer: Velleman VM110



\$95.00

#34874

240V Fume Extractor

The fume extractor is designed to remove annoying solder fumes from the work area. Suitable for use in production lines, service centres, R&D workbenches or by the hobbyist. It incorporates a ball bearing high volume 120mm fan to maximise airflow. Air flow is directed upwards at the rear of the unit to aid in safe dispersion of unabsorbed fumes.

Features:

- *All metal construction
- *High volume ball bearing fan
- *"Active Carbon" filter
- * ESD safe

Specifications:

Airflow: 115CFM
 Dimensions: 162 x 200 x 120mm
 Weight: 1.6kg
 Filter: Replaceable "active carbon" foam
 Power: 240V AC
 Power Consumption: 22W



\$69.80

#35227

Pocket Size Audio Signal Generator

A highly useful pocket sized signal generator for on-site servicing of audio equipment or for service bench use. Generates sine and square waveforms in 46 preset frequencies from 20Hz to 150kHz in two ranges (x1 and x100). Adjustable amplitude up to 8V peak to peak on square wave or 1.2V RMS on sine wave. Output impedance 600Ω for direct driving most audio equipment eg amplifiers, mixers etc. Also features a Sync output for triggering an oscilloscope.

Specifications:

- *Frequencies (x1 Range): 20, 28, 32, 42, 50, 64, 75, 80, 100, 120, 150, 180, 200, 280, 320, 420, 500, 640, 750, 800, 1k, 1.2k, 1.5kHz
- *Frequencies (x100 Range): 2k, 2.8k, 3.2k, 4.2k, 5k, 6.4k, 7.5k, 8.0k, 10k, 12k, 15k, 18k, 20k, 28k, 32k, 42k, 50k, 64k, 75k, 80k, 100k, 120k, 150kHz
- *Output Impedance: 600Ω
- *Waveform: sinusoidal or square wave switchable
- *Output Amplitude (Sine): 1.2V RMS
- *Output Amplitude (Square): 8V peak to peak
- *Rise & Fall Time: > 5µs

Features:

- *20Hz to 150kHz in 46 presets
- *Sine or square wave output
- *Adjustable amplitude
- *Oscilloscope sync output
- *Compact size
- *Includes test leads
- *Requires 9V battery



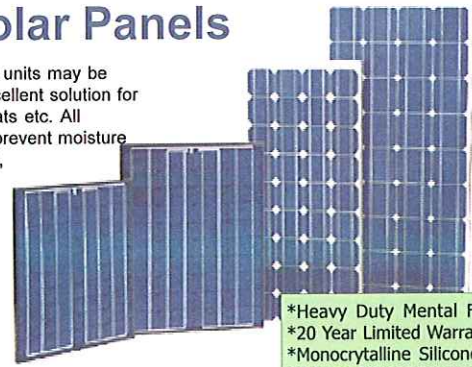
\$75.80

#33854

Solar Panel Products

SOLARKING Monocrystalline 12/24V Solar Panels

Monocrystalline solar panels are designed for long life (up to 20 years) and high efficiency output. These units may be ganged into arrays for applications where high power output is required eg for large battery banks. An excellent solution for remote or mobile power applications, electric fence battery banks, inverter systems, RV's, caravans, boats etc. All aluminium frames and tempered glass panels allow installation in the most demanding environments. To prevent moisture ingress, the solar cell modules are laminated between sheets of high transmissivity 3mm tempered glass, tedlar/polyester-tedlar (TPT) material and sheets of ethylene vinyl acetate (EVA).



Stock#:	Max Power	Rated Voltage	Short Cct Curr.	Open Cct.	Dimensions LxWxH	Price
#36994	10W	12.0V	0.56A	22.0V	396 x 289 x 23	\$55.00
#36995	20W	12.0V	1.17A	21.6V	645 x 295 x 25	\$110.50
#36996	40W	12.0V	2.28A	21V	645 x 545 x 23	\$245.40
#36997	80W	12.0V	4.55A	21.8V	1210 x 540 x 35	\$397.00
#37873	120W	12.0V	6.82A	21.8V	1500 x 660 x 35	\$610.00
#37970	175W	24.0V	4.87A	45.1V	1508 x 808 x 35	\$825.00

- *Heavy Duty Mental Frame
- *20 Year Limited Warranty
- *Monocrystalline Silicone
- *3.2mm Tempered Glass

Solar Panel Mounting Hardware New

You may need something to mount your panels on. We have a range of durable extruded aluminium mounting rails that can be mixed and matched to fit virtually any size solar panel with slots that accommodate mounting brackets. There is a 2m size available and which you can join them together to extend as far as you need to. Then you'll need some brackets to clamp your panels onto the rails. After that, you'll need L-brackets to mount the rails to the roof. These come in packets of two. These come in two different sizes and two different types - 28mm for 10, 20, 40 and 80 watt panels, and 35mm for 120 and 175 watt panels; Z-type for clamping the end of each panel and T-type for clamping between two panels

2m Extruded Solar Panel Mounting Rail



\$52.80

#38157

80mm Extruded Rail Joiner Bracket



\$17.20

#38158

Rail Mounting Bracket L-Type (Pk-2)



\$20.50

#38159

Mounting Bracket Z-Type (Pk-4)



\$47.20

28mm #38160
35mm #38161

Mounting Bracket T-Type (Pk-2)



\$29.50

28mm #38162
35mm #38163

Waterproof Solar Power "PV" Connectors

IP67 rated for maximum environmental protection, these photovoltaic (PV) system connectors are ideally suited to harsh installations such as solar panel arrays and other permanent outdoor applications. Both panel mounting and in-line connectors are available to suit a wide range of system applications

Specifications:

Rated voltage: 1000VDC

Rated current: 30A at 70°C, 25A at 85°C

Contact resistance: <5 milliohms

Temperature range: -40 - 90°C

TUV certification: 2 PFG 1161/01.06

4mm Female In line Connector



\$5.70

#38164

4mm Female Panel Mount Connector



\$5.70

#38165

4mm Male In Line Connector



\$5.70

#38166

4mm Male Panel Mount Connector



\$5.70

#38167

300mm Solar Panel 'Y' Lead 2 Plug to 1 Socket

Used for connecting the output of two solar panels in parallel or connecting multiple panels in an array. Waterproof and UV resistant. Generally used on the negative pole of the panel.

Pin dimension: 4mm

Contact resistance: <5m ohm

*Tin plated copper contacts

*Housing material PPO



\$18.20

#38168

Junction Box for Solar Installations

Designed to work with our range of solar power connectors and cables. IP65 rated with blocking diode fitted

Specifications:

Rated voltage: 1000VDC

Rated current: 30A at 70°C



\$29.30

#38169

Assembly Tool for Solar Power Connectors

Assembly tool to suit our range of PV connectors, Use these tools to ensure the cable glands are done up nice and tight.

*Supplied as a pair

*To Suit: 38164, 38165, 38166, 38167



\$6.20

#38170

Deep Cycle Batteries

A deep-cycle battery is designed to deliver a consistent voltage as the battery discharges. In contrast, starter batteries (e.g. most automotive batteries) are designed to deliver sporadic current spikes. Battery-driven vehicles, such as golf carts, forklifts and floor sweepers commonly use deep-cycle batteries. While a deep-cycle battery can be used as a starting battery (and may work better than a traditional starting battery with the myriad of electronic components attached to most modern vehicles), the lower "cranking amps" imply that an over-sized battery may need to be used in an older vehicle that lacks fuel injection. Deep cycle batteries can be charged with a lower current than regular batteries. The key structural difference between deep cycle batteries and cranking batteries are the lead plates, which are solid in deep-cycle batteries and composed of porous sponge-like plates in starting batteries.

12V 120A Sealed Lead Acid

Nominal Volatage: 12 V

Nominal Capacity: 120 Amp Hour

Short Circuit Current: 2000A

Cycle Use: 14.5-15.0V

Max Discharge Current: 960A

Operation Temp: -15 +55c

Self Discharge 3% Per Month

Standby Use 13.6-13.8V

Dimensions: 409x177x225mm

Manufacturer: SolarKing 6412 #38148

Weight: 38 Kgs



\$375.00

2V 200Ah Gel Cell

Terminal voltage: 2V

Nominal capacity at 25°C: 20 hour rate: 210Ah

Capacity at 0°C: 85%

Self discharge: 9% after 3 months

Dimensions: 174(W) x 110(D) x 362(H)mm

Weight: 14.5kg

#38142

\$227.00



12V 38Ah Gel Cell

Terminal voltage: 12V

Nominal capacity at 25°C: 20 hour rate: 38.8Ah

Capacity at 0°C: 86%

Self discharge: 9% after 3 months

Dimensions: 197(W) x 165(D) x 170(H)mm

Weight: 13kg

#38144

\$146.10



12V 26Ah Gel Cell

Terminal voltage: 12V

Nominal capacity at 25°C: 20 hour rate: 26Ah

Capacity at 0°C: 85%

Self discharge: 9% after 3 months

Dimensions: 165(W) x 172(D) x 110 (H)mm

Weight: 8.35kg

#38143



\$109.70

Energy Efficient Products

Solar Charger Regulators

This versatile solar regulator is suitable for use with all types of photovoltaic panels and wet or sealed lead acid batteries. The internal microprocessor controller provides the optimal charging current and voltage according to the actual stage of charge and type of battery. The 3-stage (Bulk, Absorption & Float) charger ensures proper maintenance of lead acid type batteries, maximising their service life. For wet cells, there is an equalisation function, which automatically cycles the battery once a month for two hours. The unit also automatically disconnects the battery if the terminal voltage drops below an adjustable level, and then reconnects it once it is charged again. It features an LCD panel that displays battery voltage, the solar panel voltage and the active charge mode. Unlike other regulators, you can see the true status of the charging system at a glance.

Specifications:

Battery Voltage:12V
Open circuit Voltage:12V
Continuous charge:20A
Maximum charge current:25A
Maximum load current:25A
Operation Current:30mA
Voltage across terminals (PV to Battery):0.8V
Voltage across terminals (Battery to Load):0.4V
Recommended wire size:#12 AWG
Weight:0.47kg
Dimension (WxHxD): 150x85x45mm
Operating Ambient Temperature:-10 to 50 °C

Features:

- *User adjustable charging voltages
- *Suitable for most types of heavy duty 12V battery
- *Microprocessor control PWM and 3 stage charging algorithms
- *Ampere Hour logging read outs in 3 sets, today and last 2 days
- *5 State LED Indications of battery levels
- *Electronic Overcharge Protection & Back Current Blocking to PV panel
- *Over Temperature Protection of PV Charge Controller's electronic circuit
- *Dusk to Dawn automatic ON-Off with 10 selectable on-off programs
- *Adjustable battery low voltage level disconnect and reconnect for DC output



#36998	20A	\$99.50
#38179	30A	\$127.20

8 Way Power Manager Surge Protection Power Board

Designed specifically for power conservation, your green power manager will automatically cut off power 3 minutes after you have switched off the attached device. The power manager is also equipped with always on outlet for continuous power to certain devices, it can also be operated with your existing IR remote controllers

Specifications:

Voltage: 10A
Current: 240V
Power: 2400 Watts
Clamping Voltage: 800V
Max. Peak Spike Current: 144,000 A
Max. Spike Voltage: 6KV
Frequency: 150KHz~100MHz
Attenuation: 150KHz~100MHz
Network :10 / 100 Base-T (cat. 5)
Breakdown Volts: < 75V
Insertion Loss: < 0.1dB
Line Protection: 2-pair (Aerial Type)

Features:

- *On/Off switch with integrated circuit breaker
- *use your own remote controller to operate the power manager
- *Always on or high current outlets
- *Surge protection LED
- *2 pairs DSS/Coax connector for surge protection
- *Power consumption display
- *IR (infrared) receiver
- *External IR Remote control connector
- *Combo Phone (RJ11) and Network (RJ45) Jacks

\$126.00

#38132



2.4W Solar Powered Water Pump

Run your outdoor aquarium, garden pond or water feature from the sun, eliminating the need for wiring or the safety aspects of electricity near water. Each comes with its own solar panel, cable and pump assembly ready to go and has some electronic smarts built in to regulate the delivery of power during cloudy periods.

Specifications:

Operating voltage: 12V
Power consumption: 2.4W
Flow rate: 200 litres/hour
Outlet size: 8mm
Cable length: 2m
Dimensions:
Solar panel: 308(L) x 166(W) x 25(H)mm
Pump assembly: 42(L) x 39(W) x 28(H)mm

\$77.50

#38130

New



4xAA Solar Battery Charger

The solar panel in the lid will charge up to 4 x AA NiCads in a fairly short time. It is ideal for yachts, campers or anywhere 240V is not available. It is NO DEARER than an ORDINARY NiCad charger but takes about the same time to charge in reasonable sunlight.
Size: 85(W) x 30(H) x 96(D)mm

\$19.20

#38153

New



10 LED High Brightness Solar Powered Torch

Featuring 10 high brightness white LEDs and internal rechargeable batteries that are charged by the solar panel on the handle this aluminium torch is ideal for anyone who loves the outdoors or works at night. Leave it basking in the sun during the day for a light filled night.

Dimensions:
Solar panel measures: 120(L) x 28(W)mm
Torch: 210mm long

\$22.70

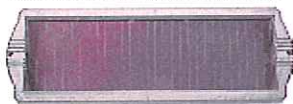
#38152



New

12VDC Solar Battery Trickle Charger

Trickle charges your car or boat battery, keeping it in charged condition even when it is not used for months at a time



\$22.30

#36450

Charge rate: Approx 100mA
Dimensions: 355W x 125H x 13D mm

Lead acid cells will self-discharge, even when completely disconnected, if they are not re-charged regularly eg when a car is not driven for long periods or on a boat which is used infrequently. This may permanently damage the battery's capacity, requiring it to be replaced prematurely. This solar charger is a great "no-fuss" solution for battery maintenance, and will keep car batteries trickle charged via the cigarette lighter socket. It includes a back-feed diode to prevent the battery from discharging back through the charger. Includes suction cups for mounting to inside car windows, alligator clips and cigarette lighter adaptor lead.

Battery Free Small Hand Powered Torch

- * Just Shake for Power
- * No batteries needed
- * Size: 165 x 32 (dia)mm
- * Super bright LED
- * Transparent ABS body

\$9.50

#30773



Flashlight & Dynamo Flashlight in one

Hand pressing Dynamo Flashlight and normal Flashlight.
* Ultra Bright Dual Leds
Manuf.: SANSAI

\$4.80

#36663



Energy Consumption Monitoring Outlet

By simply plugging this compact meter into a standard power point (GPO), you are able to calculate the running costs of any connected appliance. It tracks power usage and can display instantaneous voltage or current draw. Internal batteries maintain data during mains failure. To calculate real running costs, key in the local price per unit of electricity as charged by your provider.

\$22.50

#36954



7 Day Digital Mains Timer

- *20 ON/OFF per day, 140 ON/OFF per week
- *Min.setting time:1 Min., Max. setting time: 7 days
- *Summer/Winter time optional
- *Random function
- *AM/PM or 24 hours display
- *Rechargeable Ni-MH battery,
- *reserving data for 2 years once power off

\$13.75

#36789



De-Burring Tool

Ideal tool for the hobbyist. Clean up the edges of a hole. Suitable for steel, plastic, wood etc. Blades are fully ground for safety. SK2 steel blades are hardened to HRC64. Supplied with spare blade. Will de-burr virtually anything.



New

\$6.90

#38156

Compression Crimp Tool



\$29.50

#37935

Desc.: This heavy duty steel tool can be adjusted to suit compression F, BNC & RCA connectors

*Suitable for RG59, RG6 and RG11

RG6 F Compression Connectors

To Suit: #37935

Stock#	Type	Price
37936	Austal Type (Green)	\$7.50 (Pk-10)
37937	Foxtel Type (Black)	\$7.50 (Pk-10)



5inch (125mm) Long Nose Pliers

* High Grade Carbon steel



#36269

\$5.90

Light Duty Hook Up Wire Reels (Pk-8)

Size: 25AWG
Multi-stand 13 x 0.12mm
Reel Size: 25m
Rated: 600mA
Max 80 Deg. C
Colour: Red, Black, Blue, Brown, Orange, Yellow, White, Green

#38023



\$23.00

CAT5E 24AWG Solid core Cable (305m)

Desc.: Cat 5E Enhanced LAN/DATA Cable
Colour: Blue
Outside Dia.: ~5mm
*305m Roll with Dispenser
UL Verified, ETL Verified to TIA/EIA 568
Component Level Compliant: N10227
Manuf.: HYPERTEC

#36939



\$97.40

RG6 Quad Shield Coax Cable 75 OHM (100m)

Desc.: Coax Cable (VHF-FM-UHF-SAT)
Type: 75 OHM RG6
Frequency: 1-2400MHz
Colour: Black
* 100m roll *
** Note Weight: 4.5Kg **

\$39.50

#33438



18mm Double sided Tape (10m Roll)

Material: Ethylene-Vinyl Acetate
Adhesion: 0.25kg per sq cm
Colour: White
Length: 10m roll/18mm wide

\$6.50

#34283



12VDC 70mm Blue Strobe Light

Weatherproof design. Blue lens. 1 watt output. Uses Xenon tube for high energy flash.
Supply Voltage: 12V DC
Current: 150mA
Flash Rate: 75 per minute
Dimensions (mm): 70Ø x 53H

\$12.90

#16972



2 in 1 Automatic Wire Stripper & Cutter

Includes in-built cutter.
Insert cable and squeeze the handle for an easy and accurate strip.
With adjustable tension and strip length.
Wire stripping range: 0.2mm ~ 5mm

#36261



\$12.70

1260 + 400 Holes Breadboard

* Base with anodized treatment to stand high frequency
* Durable AL nameplate stands static interference
* Using phosphor Bronze/nickel silver to get lasting endurance on holes
* This item is RoHS compliant *

#30753

\$14.90



8 Piece Mini Driver Set

Precision screwdrivers with rotating ball bearing top ferrule for ease of use. Contains 4 flat blade and 4 phillips head drivers. Supplied in a robust carry case. Ideal for telecommunications gear, laptop computers or similar equipment.

#21048

\$18.70



Digital Tyre Pressure Gauge

Desc. Digital Tyre Pressure Gauge
* Range 0-100psi, 0-7bar.
* Auto Shut Off.
* +/- 2% Accuracy
* Measure psi & Bar
* 6.35mm LCD Display
* No Adjustment Necessary
* Includes 3V Lithium Battery

#36532

\$12.50



160 Piece Quick Crimp Connector Pack

Includes: female crimp spade lugs
* Female & Mail bullet connectors
* spade lug connectors
* spade piggyback connectors
* hole diameter ring terminals
* diameter spade terminals
* diameter butt connectors

#35621

\$19.80



26 Compartment Service Case (With Handle)

Size: 460x320x75mm
*Designed for organizing your small components, tools, hardware and many other things

#36654

\$12.80



Large Clear ABS UB2 Jiffy Box

Desc.: Manufactured from sturdy ABS plastic these boxes have a moulded PCB mounting design Allows PCB's to be installed vertically, or snapped in horizontally without the use of PCB stand-offs
(L)mm: 198
(W)mm: 113
(H)mm: 62
Colour: Clear

#38135

New

\$3.90



High Adhesion DUCT Tape (30m Roll)

Length: 30m Roll / 48mm wide
Desc.: A handy tape with high adhesion, which can be used for many different things, to tape air con ducts, insulation tape, packing etc

#34279

\$2.70



40mm (Dia) 3X Eye Magnifier

Size: 28mm (height)
22mm (Dia.view area)
40mm (Dia.base)
Model: U-301

\$4.50

#26644



Miscellaneous Products

3 Pin Chassis Mount Socket

Rating: 10A 250VAC
Suits panel thickness: > 1.6mm
Mounting depth: 25mm
Colour: White

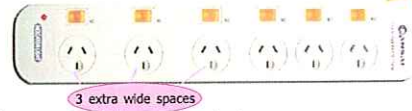


\$3.50

#35895

6 Way Power Board with Individual Switches

Power Input: 240VAC 50Hz
Power Output: 2400W(Max)
* Rating: 10A 2400W
* Indicator Lamp
* Safety overload Protection
* 1meter Main Cord
*3 Outlets feature for extra wide space for bulky mains adaptors
Manufacturer: SANSAT



\$15.70

#37461

Military Style Lensatic Compass

* Cast Aluminium Frame
* Hair line sight
* Thumb hold
* Magnifying viewer
* Floating Luminous dial
* Hi Precision instrument
* 1:250000 outer scale
Size: 75x52x26mm folded up



\$10.40

#37853

Basic First Aid Kit

Includes:
*First Aid instructions, 8 dressing strips
* 1 Scissors, 3 Gauze Swabs,
* Antiseptic Swab Cetrimide
* 1 Rapid Itch Relief Sachets
* 1 Forceps/Tweezers
* 1 Pair Examination Gloves
* Plus other products

Features

*Compact clear plastic box
*Ideal for the home, office & vehicle
*Includes basic first aid for emergency situations



\$12.80

#36876

3.5mm Plug To 2 RCA Plugs 1.5m

Desc.: Audio Lead
Type: 3.5mm Plug To 2 RCA Plugs.
Length: 1.5m



\$1.95

#20043

DVI-D Single-Link Digital Cable

This DVI cable is a simple and effective bridge between your computer graphics card and an LCD flatpanel or other digital-compatible display.
Length:2.0m



\$3.70

#35356

PIR Sensor Alarm/Doorbell

*10 sounds selectable
*Passive infra red detection
*Uses as doorbell or alarm or greeting visitor
*Uses 3x 1 .5V AA batteries (not inc.) or a 4.5V-6V transformer (not inc.)



\$17.80

#37572

PIR Auto Sensor lamp

*Wireless, Easy to install, Can be used in bedroom, washing room and on the refrigerator or anywhere you need light
*Super sensitivity within 6 meters distance, included angles 120 degrees
*When background bright is insufficient, LED lamp will automatically switch on if human passes, Delay time: 20s, 60s, 90s
*6Pcs ultra bright LED, luminance 12000~15000MCD, Angle 20'~25', long life 80,000Min using 4x AAA alkaline batteries (Not included)
Colour: Black, Grey, Clamshell Packing, 12/48



\$10.50

#36828

Wall Mount Car Parking Sensor

Features:

*Installs in minutes - no wiring required
*Twin Sensor for more accurate parking
*Easy to install: Green - GO
Amber - CAUTION
Red - STOP
*Uses 4 x AA batteries (not included)
*Adjustable parking distance 30, 60 or 90cm
*For internal use only
*Battery low LED indicator



\$24.50

#36764

12VDC Sealed Lead Acid Battery Charger

Input: 240VAC
Output:12VDC 300mA 3.6VA
* For Lead Acid Batt from 1.2 to 7.2Ah
* Auto switching to trickle charge when battery is fully charged
* Spade connections to battery
* Dual mode LED indicates fast or trickle charge operation.



\$18.00

#28142

Dual Adjustable Extension Socket

Desc.: Allows connection of two 12Volt appliances to your cigarette socket.
* 10 Amps Maximum
* Fully adjustable angle to suit multiple lighter sockets



\$7.20

#36518

2700mAh AA Ni-MH High Cap.Batt. (Pk-2)

Recharge Cycle: up to 1000 times
Package: Shrink wrap
Pack size: 2



\$6.30

#35943

CR2032 Lithium Button Cell (Pk-5)

Part No: CR2032
Volts: 3V
Curr.: 170mA
Size mm: 20 x 3.2
Manuf.: PANASONIC



\$7.90

#15143

Laser Pointer / Mini Torch Keychain

This little 2 in 1 keychain laser pointer is ideal for lectures, seminars, building sites, guided tours. etc.

Max Output: < 5mw
Wavelength: 650nm
Class IIIA Laser
* Batteries Included *



\$3.70

#36736

3 Way AV Switch Box

Includes:
* 3 RCA AV Inputs
* 1 RCA AV Output
* Includes 1 set of RCA Leads



\$7.40

#35984

Backlit Panel VU Meter

Overall dimensions 62H x 91W including bevelled mounting frame. Panel cutout size required 43H x 84W. Connections are via solder tags.

Mounting hardware provided.
* Backlight: 12V DC 50mA
* Coil resistance: 650 Ohm
#33965



\$16.20

5A MU-45 Panel Meter

Type: MU45
FSD: 5A
Resistance: 0.03 OHM
F/Size:58 x 52mm
Overall Depth: 40mm
Hole size: 45mm



\$7.00

#18079

Orders To: PH. 03 9562 8559 Fax. 03 9562 8772
Email. salesdept@rockby.com.au

Chemical Products

2.5mm Static Free Solder Wick (25ft)

Desc. Solder Wick Oxide-free clean copper,static free bobbins, environmentally safe residue

Size: 2.5mm
Length:7.5m(25ft)
Blue Type
Manuf.: MG Chemicals 444

#37727



1.9mm Static Free Solder Wick (5ft Roll)

Desc. Solder Wick Oxide-free clean copper,static free bobbins, environmentally safe residue

Size: 1.9mm
Length:1.5m(5ft)
Green Type
Manuf.: MG Chemicals 425

#33975



Isopropyl Alcohol (1 Litre)

Isopropyl Alcohol-99.953% -Pure Anhydrous is General all-purpose cleaner. Safe on plastics.

For use on:

- * PC Boards
- * Connectors & contacts
- * Fibre optics
- * Semi-conductors
- * Printed circuit boards
- * Tape heads

\$13.50

#33972



500g Glass, Plastic, and Chrome Cleaner

* High foaming action provides excellent cleaning capabilities on glass, plastic, chrome, stainless steel, countertops, and tile.
* No harmful solvents or abrasives.

* For use on monitor screens, bar code readers, and glass
Size: 500g
Manufacturer: MG Chemicals 825

#34059

\$12.90



Pump Action Solvent Dispenser (150ml)

This stainless steel dispensers are excellent for such products as alcohol, acetone, and other chemicals. Their design prevents spills as well as fumes.

* Pump Action Solvent Dispenser pumps a measured amount of contained liquid into the bowl of the cap, then allows the user to use the liquid.

- * Static Safe
- * Size: 53 x 53 x 110mm

#30761

\$15.20



152 x 228 mm Copper Clad Board

Desc.: Single sided copper clad board that this flame retardant laminate is translucent in color and made of continuous woven glass cloth impregnated with epoxy resin.

New

\$7.50

#38174



310mm Vero Board

Desc. Vero Board
A(mm): 95
B(mm): 310
Pch. 0.1"
Hole Dia. 1mm

New

\$4.00

#38146



Unclad Punched Laminate Board

Description: Unclad Punched Laminate Board. A single strip of phenolic punched at 0.1" grid with no copper on either side.
Size: 150(L) x 70(W)mm

\$3.70

#28359



Portasol Gas Iron (adjustable up to 450°C.)

Features:

- * The Portasol Technic combines compact power, and convenient reliability, making it one of the most versatile gas soldering irons available.
- * It offers a run time of around 60 minutes, and tip temperature is adjustable up to 450°C.
- * With equivalent electrical power of between 10 and 60 Watts, it is ready to tackle just about anything.
- * The protective end cap features a built in flint type ignitor, and if the gas is left on, it will turn it off when replaced.

Specifications:

Operating Time: 60 min (approx).
Refill Time: 10 sec (approx).
Ignition: Flint ignitor in end cap.
Dimensions: 170(L) x 19(Dia)mm.
Weight: 60g without gas.

#37814

\$29.80



Deluxe GOOT Desoldering Tool

This is a high quality GOOT brand desoldering tool. It features Japanese build quality and a large vacuum chamber for extremely strong suction.

- * Made in Japan
- * Large Vacuum Chamber
- * Total Length: 330mm

#35839

\$18.30



Jumbo Solder Sucker

Desc.: General Purpose Solder Sucker.

- * Teflon Tip
- * Overall Length: 330mm

#30756

\$8.35



1200 x 600mm Blue Anti-Static Mat Kit

Includes:

- * Fitted stud on mat
- * Bench mat grounding cord
- * Australian 3 pin grounding plug
- * Wrist Wrap with 1MW

#35865

\$59.00



Green Overcoat Pen

Protects printed circuit boards against moisture, corrosion, and thermal shock.

Protects and insulates electrical and electronic components and assemblies, including generators, motors, etc.

Protects against static discharge
Service temperature limits: 65C
Solids by volume: 18%
Solids by weight: 25%

Manufacturer: MG Chemicals 4190-GP

#37603

\$14.50



Silver Conductive Pen

Quick drying, tough, durable acrylic base pigmented with high purity silver. Excellent for repairing and modifying printed circuits. Silver content provides superior corrosion resistance.

Trace Width: 1/32" (min.) 1/16" (average)
Resistivity: 0.2 Ohms x mil
Dry Time: 10 minutes at room temperature
Fill: 8.5 grams

Manufacturer: MG Chemicals 8420-P

#37602

\$19.80



Silver Conductive Epoxy -Twin Tubes

Use in place of traditional soldering on heat sensitive components. Good for repairing defective traces and creating jumpers on boards. Can be used as an effective heat sink adhesive.

Manufacturer: MG Chemicals 8331-14g

#37604

\$22.70



SMD Solder Paste

Includes Plunger & Dispensing Tip

- * 10CC

#35864

\$21.60



Miscellaneous Products

Dummy Load Power Resistors

Description: W/W Power Resistor
Type: Non - Inductive
Size(LxDmm):125x25



Stock#	Value	Watts	Price
37932	4 Ohm	50W	\$8.50
37933	4 Ohm	100W	\$14.80
37446	8 Ohm	50W	\$8.50
37573	8 Ohm	100W	\$14.80

Anti Static Bags

*Anti Static bags have a metal film embedded into the bag film. This metal film acts as an electrical shield against electrical discharges from the outside of the bag



Sold in Packs 10

Stock#	Size	Price
24224	5 x 8" (127x203mm)	\$3.50
19886	6 x 10" (150x250mm)	\$3.90
19900	8 x 10" (200x250mm)	\$4.50

Resealable Plastic Bags

* Sold in packs 100 *

Stock#	Size(mm)	Price
30460	50 x 75	\$1.90
30461	75 x 125	\$2.75
30462	100 x 125	\$3.10
30463	125 x 205	\$4.60
30464	150 x 230	\$6.50

TO-220 Insulating Washer (Pk-100)

Desc.: Silicon
To Suit: TO-220
Pack size: 100

#12680

\$5.80



TO-220 Mounting Bush (Pk-100)

To Suit: TO-220
PK Size: 100

#36365

\$4.80



HC49 Crystal Insulating Washer (Pk-100)

Device:03ECI-19
Desc: HC49 Insulating Washer

#36913

\$5.50



Resettable Thermal Circuit Breakers

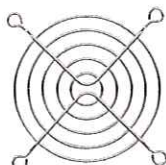
Rated:32VDC,250VAC
Panel Opening:16.1mm
Overall Length: 48.4mm
(Round Hole Mount)
Connection: 6mm Spade Terminals
Manufacturer:Potter & Brumfield
For data see web



Stock#	Amps	Device	Price
37676	1A	W28XQ1A-1	\$5.50
37677	2A	W28XQ1A-2	\$5.50
37671	3A	W28XQ1A-3	\$3.90
37673	5A	W28XQ1A-5	\$3.90
37670	7A	W28XQ1A-7	\$3.90
37674	10A	W28XQ1A-10	\$3.90
37672	15A	W28XQ1A-15	\$3.90

Metal Fan Grill

Desc. Robust metal grill designed to prevent accidental contact with rotating fan blade.



Stock#	Size(mm)	Price
13393	80 x 80	\$1.65
14919	120 x 120	\$1.70

Heatshrink Tubing

Military grade flexible tubing. Suitable for insulation, colour coding, strain relief and protection in electrical and electronic applications. Continuous temperature rating is -55°C to 135°C and up to 300°C for short durations. Shrink ratio is 2:1 and the tubing meets stringent requirements of MIL-I-23053/5 class one.



Stock#	Size(mm)	Colour	Price
21371	1.5	Black	\$1.20
21372	1.5	Red	\$1.20
21373	1.5	Blue	\$1.20
21374	1.5	Green	\$1.20
21375	1.5	Clear	\$1.20
21381	3.0	Black	\$1.60
21382	3.0	Red	\$1.60
21383	3.0	Blue	\$1.60
21384	3.0	Green	\$1.60
21385	3.0	Clear	\$1.60
21386	5.0	Black	\$1.95
21387	5.0	Red	\$1.95
21388	5.0	Blue	\$1.95
21389	5.0	Green	\$1.95
21391	6.0	Black	\$2.30
21392	6.0	Red	\$2.30
21393	6.0	Blue	\$2.30
21394	6.0	Green	\$2.30
32782	10.0	Black	\$3.50
32784	10.0	Red	\$3.50
21398	10.0	Blue	\$2.95
21399	10.0	Green	\$2.95
21400	10.0	Clear	\$2.95
21401	13.0	Black	\$3.60
21402	13.0	Red	\$3.60
21403	13.0	Blue	\$3.60
21404	13.0	Green	\$3.60
21405	13.0	Clear	\$3.60
21406	20.0	Red	\$5.80
21407	20.0	Black	\$5.80
21408	20.0	Blue	\$5.80
21409	20.0	Green	\$5.80
21410	20.0	Clear	\$5.80
21411	30.0	Black	\$13.90
21412	30.0	Red	\$13.90
21413	30.0	Blue	\$13.90
21414	30.0	Green	\$13.90
21415	30.0	Clear	\$13.90

Cable Ties

Tough and flexible, with non slipping action to ensure no slack



Sold in Packs 100

Stock#	Size(mm)	Colour	Price
14450	100	Natural	\$1.50
25949	100	Black	\$1.55
18084	150	Natural	\$2.23
25950	150	Black	\$2.29
18085	200	Natural	\$4.14
25951	200	Black	\$3.75
18086	300	Natural	\$6.35
25952	300	Black	\$7.86

Enamelled Copper Wire

This soft copper wire is coated in a high dielectric strength varnish, you can solder through enamel, but we recommend that you lightly sandpaper the wire ends, to ensure good solder adhesion.



Stock#	Size	B&S	Weight	Roll length	Price
17829	0.25mm	30	25g	60m	\$5.50
17830	0.40mm	24	25g	60m	\$5.50
17831	0.63mm	22	100g	35m	\$8.80
17832	0.80mm	20	100g	20m	\$8.80
17833	1.00mm	18	100g	15m	\$8.80
17834	1.25mm	16	100g	10m	\$8.80

Polyethylene Cable Spiral Organisers

For Use "Spiral" to group multiple electronic or electrical cords in one.

Length: 10m

Material: Polyethylene

Colour: Black

* Supplied in Retail Pack*

Stock#	Dia(mm)	Price
28645	6.0	\$4.80
37463	10.0	\$8.40
37464	14.0	\$9.65



Components

Super Bright 3W Star Type White LED

Device:LXHL-LW3C
Description: White Lambertion Super Bright LED
Colour: White
Intensity: 65 lm @ 700mA
RoHS:Yes
Manufacturer:Luxeon Star
* For Data See Web ***



\$6.90

#37432

10A IEC Socket With EMI Filter

Device: 10EEG3M
Current:10A
L: 2 x 0.25mH
C: 0.015uF (x2) SH
2x 3300pF(Y)
Connection: Tap
Mounting: Chassis Type



\$6.50

#34800

433.92MHz Transceiver Module

Device: DR3100-2
Output power: 1.2mW
Rxsens:-100dBm
Supply voltage: 3V.
Data rate: 2.34kbps to 19.2kbps.
PCB Size: 17.5 x .20mm
** For Data See Web ***



\$12.50

#36392

White 16x2 LCD Module (Blue Led Backlit)

Device:TC1602A_09T
Function: 16 x 2 LCD Display
View Area(mm):64x 13.5 (approx)
Display Mode:STN White & Blue
RoHS:Yes
Controller:SPLC780D
Manufacturer:Tinsharp Electronics
* For Data See Web **



\$13.50

#37879

128 x 64 Graphics LCD Mod. (Blue LED Backlight)

Device:64128A-FC-BW-4LP
Size(WHDmm):93 X 70 X 11
View Area(WHmm):70.7x38.8
Manufacturer:Displaytech
* For Data See Web *



\$17.50

#38027

Large Char.16 x 2 LCD Module LED Backlit

Device:MDLS16268CSP-04
Size(WHDmm): 122 x 44 x 15mm
Char Size(WHmm): 4.84 x 9.22mm
Manufacturer: Varitronix
* For Data See Web *



\$15.50

#37633

24VDC 80x80x25mm B/ Bearing Fan

Air Flow: 36CFM
Input Power: 1.7W
Speed: 3200 RPM
Noise Level: 36dBA
Material: Thermoplastic
Bearing Type: Ball Bearing
Manufacturer: SUNON



\$7.50

#13972

240VAC 120x120x38mm B/Bearing Fan

Bearing System: Ball
Speed: 3050RPM
Noise Level: 50dBA
Materials: Diecast Alum. Frame
Air Flow: 107CFM
Manuf.: SUNON 2123HBT



\$15.80

#33325

12VDC 92x92x25mm B/Bearing Fan

Air Flow: 73CFM
Input Power: 2.1W
Speed: 3900 RPM
Noise Level: 45dBA
Bearing Type: Ball Bearing
Blade Type: Plastic
Connection: 3 Wire / 3pin
Manuf.: SUNON KD1209PTB2.6



\$5.90

#33331

25mm Pin Switch

* Similar to car courtesy light switches, suits car alarms, for boot, bonnet etc.
* Overall length: 25mm
* Mounting Hole: 7.5mm



\$1.00

#38136

100uH 3A Inductor

Rated frequency: 50Hz to 100kHz
Current Rating: 3A
DC Resistance: 0.09
Tolerance: ±20%
Size: 18 x 11mm
Wire Dia.: 0.7mm



\$1.20

#36703

35V 2 x 40A Diodes Common Cathode

Device:40CPQ035PBF
Vrrm:35
If:2 x 40A
RoHS:Yes
Manufacturer:International Rectifier
Package:TO-247AC



\$1.00

#37476

12VDC TO +-5VDC @ +-200mA Converter

Device:NMS1205C
Input: 12VDC
Output:±5VDC @ ±200mA
RoHS:Yes
Manufacturer: Murata
** For Data See Web **



\$12.50

#37535

68000uF 25VDC 105Deg LG Electrolytic Capacitor

Value: 68000uF
Volts: 25V
Temp: 105 Deg
Screw Terminals
Size: 51 x 90mm
Spacing: 22.5mm
* Includes Mounting Clamp *
Manufacturer: Super Tech
RoHS compliant



\$15.50

#37090

10000uF 100V Snap-In Electrolytic Capacitor

Value: 10000uF
Volts: 100V
Spacing: 14mm
Size: 35(D) x 75(L)mm
Temp: 105 Deg



\$11.90

#10573

2.5-36V Precision Program. Ref.

Device: TL431CP
Desc:Precision Programmable Reference(2.5V to 36V)
InitialTolerance:2%
Package: Dip-8
* Data Sheet Available **



\$1.00

#33761

20 Key Keyboard Encoder

Device:MM74C923N
Desc:20 Key Keyboard Encoder
Package:DIP-20



\$1.50

#20751

200V 20A 150W N-CH Fet

Device: PHP20NQ20T,127
RDs: 0.130 OHms
RoHS:Yes
Package:TO-220AB
** For Data See Web **



\$1.90

#37528

10mm Blue 4500mcd Led

Lens colour: Waterclear
Wave length: 470
If mA: 30
If mA (peak): 100
Min: 3.2
Vf (V) Typ: 3.5
Max: 4.0



\$1.00

#35840

Programmable Unijunction Transistor

Device:2N6027G
IP(uA max): 5 @ RG=10K Ohm
IP(uA max): 2 @ RG=1M Ohm
IV(uA min): 70 @ RG=10K Ohm
IV(uA max): 50 @ RG=1M Ohm
Package: TO-92



\$0.40 min5

#12369

100V 15A 100W NPN Darlington Transistor

Device: 2SD1026
Polarity: NPN
Vceo: 100V
IcA: 15A
Ptot: 100W
Package: TO-3P



\$2.00

#21897

Quadrature Demodulator

Device: RF2711
Function: Quadrature/Demod.
Vdc: -.5 to 7.0VDC
IF input: 2.0Vpp
IF Freq Band: 0.1 to 250 MHz
Base Band Freq: DC to 1 MHz
Package:SO-14
** For Data See web ***



\$1.00

#10988

55V 75A 285W N-CH FET

Device:75344P
Polarity:N Ch
Vds:55V
Ids:75A
Rds:008ohm
Ptot:285W
Package: TO-220
Manuf.: HARRIS

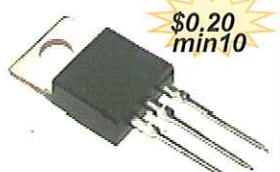


\$1.50

#32973

400V 8A 80W NPN Transistor

Device: MJE13007
Polarity:NPN
Vceo:400V
IcA:8A
Ptot:80W
Package: TO-220



\$0.20 min10

#23453