












Micro Instruments price list

All pricing excludes VAT @ 15% - 2019

Pricing subjected to change -R\$ exchange

Product	Description	Cost	Optional extras	Cost	
		Cost	Optional extras	Cost	
Solar Smart R1 	Solar MPPT regulator 12/24V - 20Amp with Ethernet + SNMP support for remote monitoring - embedded web pages Internal hall effect isolated current sensors Output for 5 way relay board, control relays via web page Output for Solar Smart GSM module to get SMS messages and control relays via SMS	R2 799.00	5 Way Relay board	R360.00	 
		Cost	Optional extras	Cost	
NPM-R10 	Network Power monitor - remotely monitors Mains AC , Battery voltages , Load and Charge Currents , Temperature , Alarm input Ethernet Port with SNMP support Internal hall effect current sensors Output for 5 way Relay board and NPM-GSM interface Receive notifications via SMS - control relay via SMS	R2 145.00	5 Way Relay board	R360.00	 
		Cost	Optional extras	Cost	
NPM-R10-ISO 	Network Power monitor - remotely monitors Mains AC power with ISOLATED cable clip on sensor Battery voltages , Load and Charge Currents , Temperature , Alarm input Ethernet Port with SNMP support Internal hall effect current sensors Output for 5 way Relay board and NPM-GSM interface Receive notifications via SMS - control relay via SMS	R2 445.00	5 Way Relay board	R360.00	 
		Cost	Optional extras	Cost	
NPM-R10 - RM (19" Rack mount) 	19" Rack mount NPM-R10 Network Power monitor - remotely monitors Mains AC , Battery voltages , Load and Charge Currents , Temperature , Alarm input Ethernet Port with SNMP support Build in relay board Internal hall effect current sensors output for NPM-GSM module Receive notifications via SMS - control relay via SMS	R2 599.00	NPM-GSM module	R1 265.00	

Ethernet DUAL Relay module



Controls 2 x Relays on board with latch or pulse function via web page or SNMP SET commands
 Support SNMP over Ethernet -embedded web pages
 Measure 12VDC or 24VDC supply to unit
*****Please order as 12V or 24V unit due to relay voltage**

Cost

R1 285.00

Optional extras

Cost

Ping Whatchdog



Ping whatchdog unit
 12-24Vdc power supply
 Sends a ICMP request (Ping) to a Ethernet device and reset the units power if unresponsive to the ping command
 User configurable ping times and amount of ping failures
 User can see supply voltage and relay status in web pages

R1 265.00

Network Io board



8 Channel Network Io board - supply **12Vdc**
 Check status of 220Vac input
 Control 8 Relays to on/off / 4 relays can toggle for a reset function
 8 x Digital Inputs - potential free

Cost

R1 585.00

Optional extras

Cost

GSM Relay Rev C SMS module



Standalone GSM -SMS module + Antenna
 Monitors Battery voltage - 1 x Relay on board
 User can control relay and get low battery volts SMS
 Unit SMS if any one of the 2 inputs changes state
 12Vdc to 24Vdc supply voltage

Cost

R1 365.00

Optional extras

Cost

5 Way Relay board

R360.00

220Vac relay Interface

R220.00

12VDC relay interface

R220.00



DC-DC Boost Converters



DC-DC Converter modules for Wi-Fi equipment

12-24V @ 150 W

R985.00

12-24V @ 250W

R1 085.00

12-48V(56V) @ 90 W

R985.00

12-48V(56V) @ 180 W

R1 225.00

24-48V(56V) @ 250 W

R1 085.00

24-48V(56V) @ 350 W

R1 185.00

DC converters rated at continuous output power
The Converters can handle much higher current bursts

Cost

Optional extras

Cost

DC-DC Step down converters



Constant voltage step down converter

Input 22-30 VDC - output 20V

24V to 20V constant @ 60W

Cost

R485.00

Optional extras

Cost

Battery Low voltage protector / Blow1



Blow 1 - auto 12/24V

Protect Batteries from deep level discharge

Auto 12V / 24V Battery protector -10Amp current

No display - set via DIP switch on pcb

Cost

R485.00

Optional extras

Cost

Battery Low volt protector / Blow2-12V



Blow 2 - 12V

Protect Batteries from deep level discharge

12V Battery protector -25 Amp

With Display - user programmable

Cost

R735.00

Optional extras

Cost

POE + Surge protection



70Watt POE+ Gigabit LAN transformer
 Passive Gigabit POE injector with surge protection
 12V to 60Vdc power supply input
 Tranzorbtion diodes and Gas tube arrestors for protection
 Use 2 x Fuses fast blow 2Amp 5x25mm glas fuses
 User can set the POE to **MODE B** or **Phantom power** output
 User can set polarity of power to each pair of the POE output

Cost

R585.00

POE 8 GM Passive POE Strip injector



19" Rack mount / **Mode B or Phantom only at a time**
 Passive POE injector 8 Port - 70W POE+ LAN TX
 PTC fuse protection on all 8 ch -over current
 Management Port to reset power on each port
 20 to 56Vdc Supply - One voltage one Mode strip

Cost

R2 300.00

Optional extras

Cost

POE 4+4 GM passive poe strip injector



19" Rack mount / **can be Mode B and Phantom at once**
 4 x Port can be Mode B and other 4 x Phantom
 Support 2 x different voltages simultaniously
 Passive POE injector 8 Port (4+4) - 70W POE+ LAN TX
 PTC fuse protection on all 8 ch -over current
 Management Port to reset power on each port
 20 to 56Vdc Supply - One voltage one Mode strip

Cost

R2 400.00

Optional extras

Cost

DC SMART 12V



19" Rack mount DC-DC Converter
 Easy connect red+black binding posts for connection
 All voltages fused on front panel , 2 x Fans internal
12Vdc input + fused 12Vdc output + 24V @ 140W out + 48V(56V) 90W output

Cost

R2 399.00

Optional extras

Cost

DC SMART 24V



19" Rack mount DC-DC Converter
 Easy connect red+black binding posts for connection
 All voltages fused on front panel , 2 x Fans internal
24Vdc input + fused 24Vdc output + 20V @ 80W out + 48V(56V) 250W output

Cost

R2 299.00

Optional extras

Cost

Relay output for a alarm condition

Industrial POE injector



Industrial type POE Injector for Wi-Fi radios
Power supply : 11-32 VDC / IP67 LAN + power connectors
Gigabit Lan ports / comes with 5m power cable
Model : POE - MODE B - 27Vdc
Model : POE - MODE B - 48Vdc
Model : POE - Phantom - 27Vdc
Model : POE - Phantom - 48Vdc

Cost

R2 900.00

Optional extras

Cost

4-20mA wireless link



Wireless 4-20mA transmitter set - 868Mhz
Wirelessly transmits a 4-20mA analogue signal
220Vac or 12Vdc to 24Vdc power supply -user to confirm
25mW 868Mhz radios c/w antennas
Alluminium or plastic enclosures
IP 68 power and mA screw type connectors

Cost

R6 500.00

Optional extras

Cost

Mi-SNMP Manager



Mi-SNMP Manager for Windows
Graphing of voltages and currents
SNMP monitoring of all Mi SNMP products
Email alerts and alarms to user
Easy to operate SNMP manager software
Ping function to other deives for online/offline status

Cost

FREE *****

Optional extras

Cost