

POWER SUPPLIES AND BATTERY CHARGERS



MANTECH

A MOBICON COMPANY

MORNSUN®



POWER SUPPLIES & BATTERY CHARGERS

LRS - INDUSTRIAL POWER SUPPLIES



- ENCLOSED
- INPUT
90 – 264VAC / 240-370VDC
- OUTPUT
3.3V TO 48VDC
- 35W TO 350W

RS - MINIATURE INDUSTRIAL POWER SUPPLIES



- ENCLOSED
- INPUT
85 – 264VAC / 120-370VDC
- OUTPUT
3.3V TO 48VDC
- 15W TO 150W

AD – BATTERY CHARGER / UPS FUNCTION



- INPUT
88 – 264VAC / 120-370VDC
- DUAL OUTPUT
12V TO 48VDC
- 50W TO 155W

SCP – BATTERY CHARGER / UPS FUNCTION



- INPUT
85 – 264VAC / 120-370VDC
- SINGLE OUTPUT
12V TO 24VDC
- 50W TO 155W

PA / PB – LEAD ACID BATTERY CHARGERS



- INPUT
88 – 264VAC / 120-370VDC
- OUTPUT
12V TO 48VDC
- 120W

GST – POWER SUPPLIES



- INPUT
85 – 264VAC / 120-370VDC
- OUTPUT
5V TO 48VDC
- 120W

NPB - INTELLIGENT BATTERY CHARGERS



- INPUT
85 – 264VAC / 120-370VDC
- OUTPUT
(Lithium or Lead Acid)
10V TO 100VDC
- 120W – 1700W

MDR - DIN RAIL POWER SUPPLIES



- INPUT
85 – 264VAC / 120-370VDC
- OUTPUT
5V TO 48VDC
- 10W – 100W

LED POWER SUPPLIES / DRIVERS



- AVAILABLE IN :
CONSTANT CURRENT
CONSTANT VOLTAGE
CONSTANT POWER
- FROM : 8W
TO : 1,000W

DC-DC CONVERTERS

SD - ENCLOSED DC-DC CONVERTERS



- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 5, 12, 24, 48V
- POWER : 15W – 1,000W

NSD - PCB MOUNT DC-DC CONVERTERS



- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 3.3V, 5V, 12, 15V, -5V, -12, -15V,
- POWER : 5W – 15W

RSD - RAILWAY ENCLOSED DC-DC CONVERTERS



- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 3.3, 5, 12, 24, 48V
- POWER : 30W – 500W

MDS / MDD - DC-DC CONVERTERS



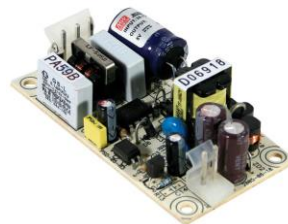
- SINGLE / DUAL OUTPUT
- SIL / DIL
- INPUT : 5 / 12 / 24VDC
- OUTPUTS : 3.3, 5, 12, 15, +/-
- POWER : 12

LDD - DC-DC CONSTANT CURRENT LED DRIVERS



- INPUT : 9-56VDC
- OUTPUT : 2-52VDC
- CURRENT : 0.3, 0.35, 0.5, 0.6, 0.7, 1, 1.2, 1.5A
- AVAILABLE IN : SMD, WIRES OR DIP

PSD – DC-DC CONVERTER



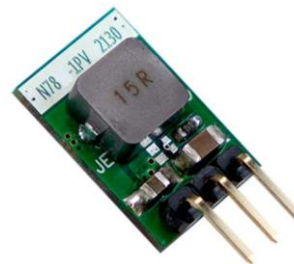
- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 5, 12, 24VDC
- POWER : 15W – 45W

DDR – DIN-RAIL DC-DC CONVERTER



- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 5, 12, 24, 150VDC
- POWER : 15W – 480W

N78 – DC-DC VOLTAGE REGULATOR BOARDS



- SAME AS 78 / 79 1A SERIES
- NO HEAT SINK
- INPUT : 6-36VDC
- OUTPUT : 3.3, 5, 9, 12, 15VDC

NID - DC-DC VOLTAGE REGULATOR BOARDS



- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 5, 12, 15, 24VDC
- POWER : 35W – 100W



WWW.MANTECH.CO.ZA

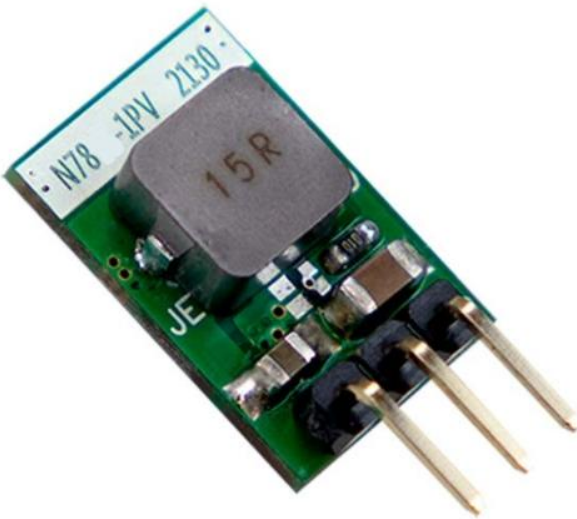
NEW PRODUCTS

BIC-2200 – BI-DIRECTIONAL POWER SUPPLIES



- AC-DC AND DC-AC CONVERSION
- CHARGING AND DISCHARGING MODES
- VARIOUS PROTECTION MODES (OVP, OTP, ETC)
- IDEAL FOR :
 - BATTERY / CELL FORMATION & GRADING
 - VEHICLE TO GRID SYSTEMS
 - VEHICLE CHARGING STATIONS
 - KINETIC ENERGY RECOVERY SYSTEMS
 - ELECTROLYSIS SYSTEMS
 - WATER TREATMENT SYSTEMS / PLANTS

N78 – SWITCH MODE VOLTAGE REGULATORS



- NON-ISOLATED DC-DC SWITCHING REGULATORS
- PIN COMPATIBLE WITH LM78xx AND LM79xx
- NO HEATSINK REQUIRED
- WIDE INPUT UP TO 36V
- AVAILABLE IN :
 - 3.3V
 - 5V
 - -5V
 - 12V
 - -12V
 - 15V
 - -15V

NPB-120-48XLR – SMART BATTERY CHARGER



- 42 – 60VDC @ 120W
- MULTI-CHEMISTRY CHARGER
- LEAD ACID, Li-ION, Li-MNG

**ENQUIRE ABOUT THE NEW RANGE
OF LITHIUM
SMART BATTERY CHARGERS**


SPECIAL POWER PRODUCTS

ICL... INRUSH CURRENT LIMITERS



- 16A CONTINUOUS
- 23A INRUSH / 165A PEAK
- 180-264VAC
- IDEAL FOR SMPS LOADS

TBL... RCD TRANSDUCER CT'S



- CURRENT TRANSDUCER
RCS / EARTH LEAKAGE UNITS
- 5VDC OPERATION
- 80A PRIMARY
- 1 OR 3 PHASE

SPD-10... SURGE PROTECTORS



- 10KA MAX DISCHARGE
- 120 – 277VAC or 320VAC
- 3.5 or 5A CONTINUOUS LOAD
- SERIES CONNECTION

AN... EMI FILTERS



- 6A / 10A / 20A / 30A
- 250VAC
- SCREW OR SOLDER CONNECTIONS

RC FILTERS / CTs



- AC or DC
- DIN RAIL MOUNT ALSO AVAILABLE

DC-DC VOLTAGE BOOSTERS



- WIRE RANGE AVAILABLE

DC-DC VOLTAGE BUCK



- WIDE RANGE AVAILABLE

BATTERIES




CONNECTORS




WIRE AND CABLE



OTHER PRODUCTS AVAILABLE AT MANTECH

DIODES



JUMPER WIRES



SOLDER



VOLTAGE REGULATORS



STRIP / VERO BOARD



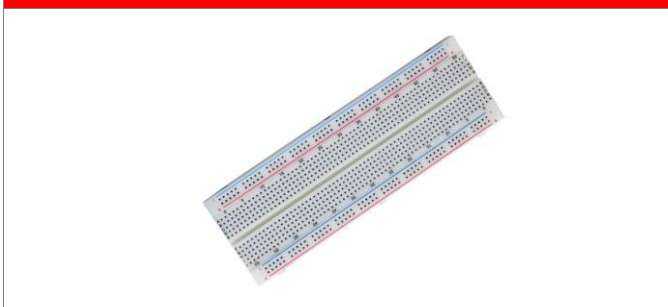
BATTERIES



RESISTORS



BREAD BOARDS



INTEGRATED CIRCUITS



DEVELOPMENT BOARDS



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WE DO NOT HAVE A MINIMUM ORDER QTY OR MINIMUM ORDER VALUE

WE DELIVER TO ANY LOCATION ON THE PLANET, AT ORDINARY COURIER FEES

**IF WE DO NOT HAVE IT...
WE WILL SOURCE IT FOR YOU**

Your hassle free, one stop electronics & electrical warehouse



WWW.MANTECH.CO.ZA

| CITY | TEL | EMAIL |
|------|-----------------|---------------------|
| CPT | +27 21 535 3150 | CAPE@MANTECH.CO.ZA |
| JHB | +27 11 493 9307 | SALES@MANTECH.CO.ZA |
| KZN | +27 31 309 7686 | KZN@MANTECH.CO.ZA |
| PE | +27 41 004 0040 | PE@MANTECH.CO.ZA |

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