

# POWER SUPPLIES AND BATTERY CHARGERS



**MANTECH**

A MOBICON COMPANY



# 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



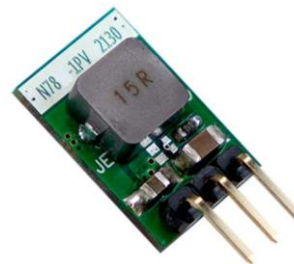
- INPUT : 12 / 24 / 48VDC
- OUTPUTS : 5, 12, 24VDC
- POWER : 15W – 45W

## 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



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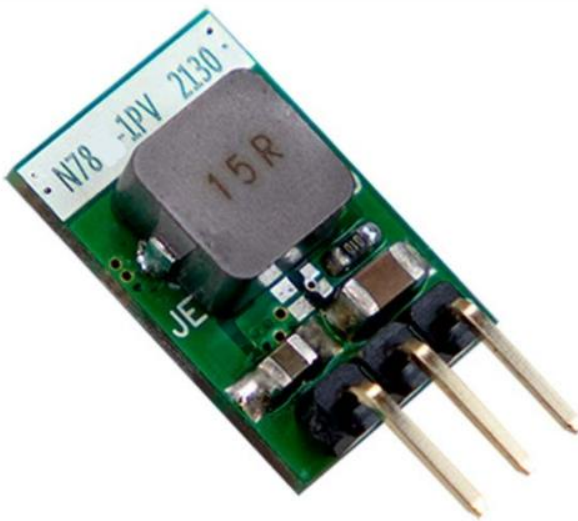
## NEW PRODUCTS

### 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



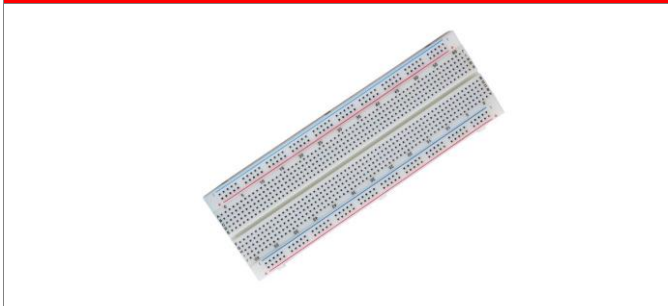
## BATTERIES



## RESISTORS



## BREAD BOARDS



## INTEGRATED CIRCUITS



## DEVELOPMENT BOARDS



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