

# BUCK & BOOST POWER CONVERTER

PART NO. PWR



## GENERAL OPERATION

The Buck & Boost Power Converter is used to maintain a 24VDC supply voltage to electrical components such as PLC's during engine cranking, where battery voltage would normally drop low enough to cause the PLC to shutdown.

## GENERAL INFORMATION

### ENCLOSURE

Diecast Aluminium	Length = 74mm Width = 72mm Height = 28mm
Epoxy Resin Sealing (Waterproof)	

### ELECTRICAL

Operating Supply Voltage	8-40 VDC range
Maximum Load Current	6 Amps @ 24VDC
Temperature range	-10° to 75° C

### CONNECTIONS

Wire - Red	+24V Input
Wire - Black	Ground (Neg)
Wire - Yellow	+24V Output (Regulated)
Wire - Black	Ground