

BUCK & BOOST POWER CONVERTER

PART NUMBER: 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	2.5 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