

Power Converters

DC-DC
Isolated Power Converter
A STABLE AND CLEAN POWER SOURCE FOR YOUR MOTOR-HOME

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Current Automation
POWER SOLUTION PROVIDERS



IPC-4140



Model	IPC-4140
Input and Output	
Continuous Output Current	40A
Input Voltage	48VDC (40 ~ 60VDC operative)
Output Voltage	13.8VDC
Line Regulation	20mV
Efficiency	90% at full load
Ripple & Noise	30mV rms
Load regulation	30mV from no load to full load
Protections	
Ignition Protected	Yes
Short Circuit Protection	Yes
Overload Protected	Yes
Overheat Protected	Yes
Features	
Parallel Operation	Yes, allow parallel connection
Battery Charging	Yes, suitable for battery boost charging
Galvanic isolated	Yes, input and output is fully isolated
Physical	
Input connection	Cable with terminal rings
Output connection	Terminal block
Display	External control, Green-Power On, Yellow-Input Low, Red-Output Overload
Cooling	Thermally control cooling fan
Operation temperature	-20°C to 50°C
Case	Anodized aluminum case with mounting cover
Weight (kg)	1.9
Size L x W x H (mm)	24 x 11.5 x 7