


PRODUCT DESCRIPTION

	<p>DC2412-15I</p>
	<p>DC-DC CONVERTER Fully Isolated +/- 24 Volts DC to 13.8 Volts DC, 15 Amps Imark Stock # 601415</p>
	<p>Features:</p> <ul style="list-style-type: none"> • Switch-Mode for Efficiency • Compact size • Sealed against the ingress of dirt and moisture • Continuous duty rated • Indicators for "Input OK" and "Output OK" • Remote ON/OFF facility • Over Temperature Protection • Over Voltage Protection • Over Current Protection • Complies with CISPR 11 • Reverse Polarity Protection • Fully Isolated Input - Output

<p>DESCRIPTION:</p> <p>The Imark DC2412-15 DC-DC Converter is a full specification, fully isolated, compact, ruggedly built unit designed to operate reliably at full 15 Amps load in arduous mining, transport, industrial, agricultural, marine, electrical, and military environments. Full isolation provides complete isolation between input and output circuits and is ideal for use in maritime environments where electrolysis may cause problems. The DC2412-15I can be installed on either positive or negative systems. In-built protection features protect the unit from mis-use or incorrect installation. The compact size allows easy installation in restricted spaces while the unique mounting bracket permits slight bending of the mounting tabs for installation on uneven surfaces. The contoured shape and full sealing against the ingress of dust and moisture allows the unit to be mounted at exposed locations. The DC2412-15 is supplied with a heavy-duty one metre fly lead, mounting screws, and operators manual.</p>

SPECIFICATIONS:	
Input Voltage	+ or - 20 - 30 Volts DC
Rated Output Current (100% Duty)	15 Amps
Current Limit Setting (@25°C)	16 Amps
No Load Idle Current	<200mA
Remote "ON/OFF" Control	Yes
Over Temperature Protection	Yes (@ 85°C)
Over Voltage Protection	Yes (@ 18 Volts)
Over Current Protection	Yes (Hiccup)
Output Short Circuit Protection	Yes
Reverse Polarity Protection	Yes
User Replaceable Input Fuse	Yes
Fully Isolated Input - Output	Yes
Weather Resistant Construction	Yes
Operating Temperature Range	0° to 50° Celsius
Dimensions	126 (W) x 170 (D) x 60 (H) mm (excluding Protrusions)
Mounting Plate Dimensions	126 (W) x 211 (D) mm
Shipping Dimensions	190 x 230 x 75 mm
Weight	1.5 Kg's
Shipping Weight	1.7 Kg's
Inclusions	Operators Manual, Mounting Screws x 4
Standards	CISPR 11 - 2004. Group 1 Class B
Imark Stock #	601415