

460200126



PowerShift® Metro AC/DC Module, 48VDC SIERRA 25 CONVERTER

Product Classification

Product Type	Module
Product Brand	PowerShift Metro®

Dimensions

Height	86.36 mm 3.4 in
Width	101.6 mm 4 in
Depth	434.848 mm 17.12 in

Electrical Specifications

Input Current, nominal, ac	12.5
Input Current, nominal, dc	54.4
Input Voltage Range	-32 to -63 Vdc
Input Voltage, nominal, ac	230
Input Voltage, nominal, dc	-48
Output Current, max	50A
Output Current, nominal, ac	13.1
Output Current, nominal, dc	6.75
Output Voltage Range	-32 to -63 Vdc
Output Voltage, nominal, ac	230
Output Voltage, nominal, dc	53.5
Electrical Safety Standard	IEC 62040-1 UL1778
Electromagnetic Compatibility/Interference (EMC/EMI)	CISPR 32 Class A ETSI300386 FCC Part 15 Class A IEC61000-4-2 IEC61000-4-3 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6
Frequency, ac	50 Hz (47 - 53 Hz) or 60 Hz (57 - 63 Hz)
Power Efficiency	93.5 %
Total Output Power	2400 W, input voltage dependent

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Environmental Specifications

Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	10%–85%, non-condensing
Mean Time Between Failures (MTBF) at Temperature	240,000 h @ 30 °C
Standards Compliance	ETSI300019

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

Agency	Classification
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance