

54VDC-220VAC-Converter



1500W inverter, Small Cell Pole-Mounted

The PowerShift® Inverter is designed to power 1 to 3 AC radios from a DC power source, delivering reliable performance in demanding environments.

- Two connectorized inputs at nominal +/- 54 VDC (26A max per connection)
 - 2X Input – C10-730511-Z3S
- Three connectorized outputs at a nominal 220 VAC, (3 x 10A inline fuse)
 - 3X Output – C10-730513-Z3S
- Status LED: Green (ON), Yellow (alarm: UV/OV), Red (alarm: HW failure), OFF (No power)
- Outdoor operation
- Pole mounting bracket with 2 band clamps
- RJ45 port for alarm connection
- Includes Inverter & Jumper Kit

Product Classification

Product Type	Module
Product Brand	PowerShift Metro®

General Specifications

Input/Output Interface	2 input / 3 input
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Dimensions

Height	489.458 mm 19.27 in
Width	230.124 mm 9.06 in
Depth	135.382 mm 5.33 in

Electrical Specifications

Input Power	1650 W
Input Power Connections, quantity	2
Input Voltage Range	±40 to ±58 Vdc
Input Voltage, nominal	54 Vdc
Output Current, nominal, ac	2.34 A
Output Power Connections, quantity	3
Output Voltage Range	213 to 227 Vac

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Output Voltage, nominal, ac	220 V
Electrical Safety Standard	CE CSA C22.2 No. 60950-1-03 IEC/EN 62368-1
Electromagnetic Compatibility/Interference (EMC/EMI)	EN55024 EN55032 FCC Part 15 Class A GR1089
Power Efficiency, nominal	91 %
Total Output Power	1500 W max combined for 3 outputs, 1250 W for single output

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	0%–95%, non-condensing
Mean Time Between Failures (MTBF) at Temperature	300,000 h @ 25 °C
Standards Compliance	CE EN 50581 EN 62368-1 (LVD - Safety) GR-1089-CORE GR-487-CORE UL/cUL 62368

Packaging and Weights

Packaging quantity	1
Weight, net	8.8 kg 19.4 lb