



Electrical Specifications	Units	
DC Port		
DC Voltage Range	V_{DC}	300 - 920 (800 V Nominal Voltage)
DC Current	A_{DC}	500 A at Nominal Voltage
AC Port		
AC Voltage Range (3-Phase)	V_{AC}	400 - 480 (480 V Nominal Voltage)
AC Current	A	520 A at Nominal Voltage
Rated Frequency	Hz	50 / 60
Efficiency	%	96 - 98
Current THD	%	<5
Power Factor Correction		0.85 Leading - 0.85 Lagging
Electrical Protection Available		Internal Surge Protection Device (SPD) Over-Temperature Protection Over / Under-voltage Protection Ground Fault Protection
Certification		Designed for Compliance to: UL 1741, UL 2202, UL 2231
Mechanical Specifications	Units	
Dimensions (D x W x H)	in / mm	48 x 70 x 120 / 1,219 x 1,778 x 3,048
6 Port Version* *Standard Configuration: 3 AC Ports, 3 DC Ports		
Weight (estimated)	lbs / kg	8,818 / 4,000
General Specifications	Units	
Mounting Options		Ground Mount
Operating Temperature Range	°F / °C	-13 to 104 / -25 to 40**
Storage Temperature Range	°F / °C	-40 to 104 / -40 to 40
Relative Humidity	%	5 to 95 (including condensing)
Noise Level	dBA	<75 at 1 m
Cooling Method		Liquid Cooled (sealed)
Enclosure		NEMA 3R
Internal Communication Protocol		TCP / IP Modbus (or CAN Bus)
Connectivity		Primary: Dual-SIM GSM Modem Secondary: RJ45 Ethernet / Optical / WiFi
User Interface		Alphanumeric LCD Display (standard) LCD / OLED Touch Screen (optional) E-Stop Push Button
Warranty		Standard 2 years; extended available for up to 10 years

The footprint does not include the AC and DC switchgear.

**The product is designed to operate at -40 °C; however, for certification purposes, the specified operating temperature range is limited to -25 °C. The product can be operated at temperature up to 55 °C, with derating.