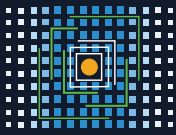


200-kW / 400-kW Power Router for Building Electrification

Specifications Sheet

Electrical Specifications (Max.)	Units	200-kW System	400-kW System
DC Port			
DC Voltage Range	V _{DC}	150 - 920	
DC Current	A _{DC}	350 A at 400 V _{DC} and 250 A at 800 V _{DC}	700 A at 400 V _{DC} and 500 A at 800 V _{DC}
Universal Port			
DC Voltage Range	V _{DC}	150 - 920	
DC Current	A _{DC}	350 A at 400 V _{DC} and 250 A at 800 V _{DC}	700 A at 400 V _{DC} and 500 A at 800 V _{DC}
AC Voltage Range (3-Phase)	V _{AC}	400 - 480	
AC Current	A	270	540
Rated Frequency	Hz	50 / 60	
Efficiency	%	96 - 98%	
Current THD	%	<5	
Power Factor	%	>0.99	
Electrical Protection Available		Internal Surge Protection Device (SPD) Over-Temperature Protection Over-Voltage / Under Ground Fault Protection	
Certification		Designed for Compliance to: UL 1741, UL 2202, UL 2231	
Mechanical Specifications	Units	200-kW System	400-kW System
Dimensions (L x W x H)	in / mm	40 x 40 x 120 / 1,016 x 1,016 x 3,048	
4 Port Version (Upgradeable to 6 Ports)*			
*Standard Configuration: 2 Universal Ports, 2 DC Ports			
Weight (estimated)	lbs / kg	3,858 / 1,750	4,299 / 1,950
6 Port Version**			
**Standard Configuration: 2 Universal Ports, 4 DC Ports			
Weight (estimated)	lbs / kg	4,409 / 2,000	4,850 / 2,200
General Specifications	Units	200-kW System	400-kW System
Mounting Options		Pedestal	
Operating Temperature Range	°F / °C	-40 to 131 / -40 to 55	
Storage Temperature Range	°F / °C	-40 to 158 / -40 to 70	
Relative Humidity	%	5 to 95 (including condensing)	
Noise Level	dB(A)	<65	



General Specifications	Units	200-kW System	400-kW System
Cooling Method		Liquid Cooled (sealed)	
Enclosure (ingress protection)		IP65/NEMA 3R, IK10	
Internal Communication Protocol		TCP / IP Modbus (or CAN Bus)	
Connectivity		Primary: Dual-SIM All-band 4G, MIMO Antenna Secondary: 10 / 100 Base-T Ethernet / 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	