

OZPCS-RS35 Specifications

DC CONNECTION

Operating Voltage Range	380 - 820 VDC
Full Power Voltage Range	400 - 800 VDC
Max DC Current	+/- 95 A
Max DC Power	36.5 kW
Wiring Configuration	2 Wire

AC CONNECTION

Max AC Power	35kVA @ 208 V _{RMS}
Max AC Current	
100Arms	Continuous
130Arms	10 seconds max
AC Line Voltage	120/208 Vrms 3-phase 120/240Vrms split-phase
AC Line Frequency	60 Hz
Power Factor	-1 to +1
Current Harmonics	IEEE 1547 Compliant, <3%THD
Typical Efficiency	97 %

ENVIRONMENTAL

Operating temp	-20°C to 45°C
Derated	45°C to 55°C
Short term	Full power operation up to 60°C
Cooling	Forced air by internal variable speed fans
Max Elevation	
No Derating	1,000m
Derated	1,000m - 3,000m
Enclosure	3U, 19" Rack Mount
Weight	44kg / 100 Lbs
Ingress protection	IP20

USER INTERFACE

Isolated Communication Link	Modbus RS-485
Register Mapping	SunSpec PCS
Isolated Digital Inputs	Emergency Shutoff, Bias Enable
Isolated Digital Outputs	User Configurable 1 & 2
Indicator LEDs	4
Warranty	5 years standard 5 year optional warranty extension

REDUCE TIME TO MARKET

- Easy paralleling allows for quick product scaling
- 19" rack mount design

FEATURES

- UL1741-SB Smart Inverter functions
- Integrated data logging

OPTIMIZED FOR 120/208V AND 120/240V COMMERCIAL APPLICATIONS

- Single stage conversion
- 50/60 Hz

INDUSTRY STD INTERFACE

- SunSpec certified
- Modbus RS-485



Rackable, Stackable.

For released product – Q2, 2023

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