

## Power Module (X1-P6K-US)

Performance Specifications	
<b>AC Input / Output (On Grid)</b>	
Rated Voltage	240 VAC (Split-Phase)
Rated Frequency	60 Hz
Maximum Continuous Input / Output Apparent Power	6 kVA
Maximum Continuous Input / Output Active Power	6 kW
Maximum Continuous Input / Output Current	25 A
Power Factor Rating	Default 0.99 (0.8 Leading - 0.8 Lagging)
<b>AC Output (Off grid)</b>	
Rated Output Voltage	120 / 240 VAC (Split-phase)
Rated Frequency	60 Hz
Maximum Continuous Output Apparent Power	6.6 kVA
Maximum Continuous Output Active Power	6.6 kW
Maximum Continuous Output Current	27.5 A
<b>DC Input / Output</b>	
Maximum Input Voltage	450 VDC
Operating Voltage Range	365 to 450 VDC
Maximum Charging / Discharging Current	18.1 A

<b>Others Specifications</b>	
W x H x D Dimensions	26.4 x 13.2 x 5.9 in.
Weight	44.1 lbs
Enclosure Type	NEMA TYPE 4
Operating Temperature	-4 °F to 131 °F
Operating Humidity	5% - 95% RH
Maximum Operating Altitude	Up to 13,123 ft, Power derating from 6,562 ft
Warranty	10 Years
<b>Compliance Information</b>	
Certifications	UL 1741, CSA-C22.2 No.107.1-16, IEEE1547-2018, IEEE1547.1-2020, IEEE2030.5-2018, CA Rule 21, CEC-300-2018-009-CMF, TSCA, CP65, PFAS
Emissions	FCC Part 15B, ICES-003