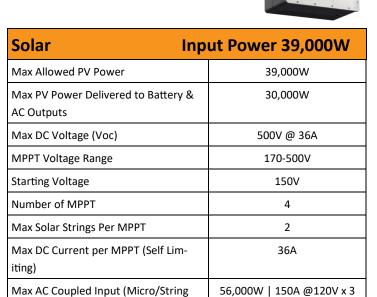


## 30K-3P-208V-N Spec Sheet

Inverters)



AC Output Power 30kW On-Grid & Off-Grid		
Connections	208V Three Phase	
Continuous AC Power to Grid (On-Grid)	30,000W 83.4A (208V)	
Continuous AC Power to Load (Off- Grid)	30,000W 83.4A (208V) TBD	
Surge AC Power 10sec	45,000VA 125A (208V)	
Surge AC Power 100ms	TBD	
Parallel Stacking	Yes—Up to 12	
Frequency	60/50Hz	
Continuous AC Power with Grid or	72,000W 200A L-L (208V)	
Generator	36,000W 200A L-N (120V)	
CEC Efficiency	96.5% (Peak 97.5%)	
Idle Consumption Typical—No Load	TBD	
Sell Back Power Modes	Limited to Household/Fully Grid-Tied	
Design (DC to AC)	Transformerless DC	
Response Time (Grid-Tied to Off-Grid)	5ms	
Power Factor	+/- 0.8 - 1.0	

Battery (optional) Output Power 30,000W	
Type   Number of Inputs	Li-lon   2 Inputs
Nominal DC Input	> 300V
Capacity	50 — 9900Ah
Voltage Range	150V—550V
Continuous Battery Charging Output	100A (50A per Input)
Charging Curve	3-Stage w/ Equalization
Grid to Batt Charging Efficiency	96.0%
External Temperature Sensor	Included
Current Shunt for Accurate % SOC	Integrated
External Gen Start Based on Voltage or %SOC	Integrated
Communication to Lithium Battery	CanBus & RS485

General	
Dimensions (H x W x D)	35.2" x 20.8" x 11.6"
Weight	172 lbs
Enclosure	IP65 / NEMA 3R
Ambient Temperature	-40~60°C, >45°C Derating
Installation Style	Wall-Mounted
Wi-Fi & LAN Communication	Included
Standard Warranty (verified by HALT Testing)	10 years

<b>Protections &amp; Certifications</b>	
Electronics Certified Safety by SGS Labs to NEC & UL Specs - NEC 690.4B & NEC 705.4/6	Pending
Grid Sell Back — UL1741-2010/2018, IEE- E1547a-2003/2014, FCC 15 Class B, UL1741SB, CA Rule 21, HECO Rule 14H	Pending
PV DC Disconnect Switch — NEC 240.15	Integrated
Ground Fault Detection — NEC 690.5	Integrated
PV Rapid Shutdown Control — NEC 690.12	Integrated
PV Arc Fault Detection — NEC 690.11	Integrated
PV Input Lightning Protection	Integrated
PV String Input Reverse Polarity Protection	Integrated
Surge Protection	DC Type II / AC Type II