

CLEANGEN™ J250

100kVA/250kWh

Industry standard footprint

No maintenance

Quiet, clean, and unobtrusive



Specifications

INPUT

<u>Main 3Ph AC Input</u> Camlock, 400A breaker	<u>EV Charging</u> <u>2 X 1Ph Input</u> J1772 connector, 40A breaker	<u>Blockheater</u> <u>1 X 1 Ph Input</u> NEMA 5-15P
208Y/120VAC, 291A, 3Ph, 5 wire, 60Hz	240VAC, 32A, 60Hz	120VAC, 6.4A, 60Hz

OUTPUT

Inverter Output 100kVA, 0.8 PF			
<u>1 X 3Ph Out</u> Camlock, 400A breaker	<u>2 X 3Ph Out</u> Camlock, 225A breaker	<u>3 X 1Ph Out</u> Joy connector, 60A breaker	<u>3 X 1Ph Out</u> NEMA 5-20R
208Y/120VAC, 278A, 5 wire	208Y/120VAC, 180A 3Ph, 5 wire	120VAC, 48A	120VAC, 20A, 1.9kW

INVERTER

Output	Continuous output: 100kVA, 0.8 PF
Overload Capability	144kW for 60 seconds
Instantaneous	~192kW for 200msec

BATTERY

Capacity	250kWh
Type	Lithium Iron Phosphate (LiFePO4)
Battery Monitoring	Individual string: voltage and current; Cell voltage, cell balancing, cell temperatures
Battery Cycles	Up to 5000 (depends on temp., depth of discharge, and discharge rate)
Battery Recharge Time	Dual EV: 22.6 hrs 3 PH: 13.2 hrs Dual EV + 3 PH: 8 hrs

ENVIRONMENTAL

Acoustic Noise Level at 1 Meter	55.0 dB
Relative Humidity	0 to 95%, non-condensing
Operating Temp.	0 to 40 °C

For more information

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