



EP CUBE 2.0

Standalone PV string Inverter, Battery Ready. **NEW**

EP CUBE HYBRID INVERTER



HNA2-S11GX

Hybrid inverter

MPPTs	6
Input current	I_{mp} 16A / I_{sc} 25A per MPPT
Withstand PV Voltage	600V _{DC}
PV DC Input Voltage Range	60 – 550V _{DC}
PV DC MPPT Voltage Range	60 – 480V _{DC}
Maximum input power per MPPT	5kW
Nominal grid	60Hz, 208V/240V _{AC}
Maximum AC output, on-grid, 240V	5.8 kW / 7.6 kW / 9.6 kW / 11.5 kW
Maximum AC output, on-grid, 208V	5.0 kW / 6.6 kW / 9.9 kW
Overcurrent Protection Device	30A / 40A / 50A / 60A
Maximum inverter CEC efficiency	96.5%

Communication Module

Internet connection	Wi-Fi, Bluetooth, Ethernet, Cellular (LTE, 4G)
User interface	EP Cube APP (Android & IOS), HMI(Optional)

Safety & compliance

Protections	Integrated arc fault circuit interrupter (AFCI), PV RSD
Certifications	UL 1699B, UL 1741-SB, UL 1741, IEEE 1547, IEEE 1547-1, IEEE 2030.5, UL 1998 UL 60730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high)
Listing	CEC, HECO, SGIP, LUMA

General parameters

Enclosure	NEMA 4X
Operating Noise @ 1 m	30dB(A) night time(low consumption) <60dB(A) maximum
Dimensions(L*H*W)	600*600*220mm (23.6*23.6*8.7 in)
System weight	95lbs/43kg
Mounting options	wall mount
Max. elevation	9,843 ft / 3,000 m
Operating temperature	-4°F to 122°F / -20°C to 50°C *

Limited warranty

System warranty	10 years
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Notes

* Performance may be de-rated in extreme operating temperatures.