

EP-1250-A Central Inverter



Features

- ✧ Industry-leading inverter efficiency, outstanding generated energy
- ✧ Industrial application design to adapt harsh environment
- ✧ Components selection of high quality to enhance product quality
- ✧ Digital isolation of high precision to improve MPPT efficiency
- ✧ Capacitor life prediction technology to ensure system safe and reliable
- ✧ Anti-PID functional option to effectively better PID effect
- ✧ Integrated DC shunt power distribution function to raise the operational reliability
- ✧ Zero voltage ride through ability makes grid- connected safer

Specifications

Input parameters	
Max. input voltage	1000VDC
Max. input current	2297A
MPPT voltage range	580~900VDC
MPPT route	1/2 (optional)
Max. route of DC shunt distribution	20
Rated output power	1250KW
Max. output power	1375KW
Rated grid voltage	415VAC
Grid voltage range	332~460VAC
Max. output current	1913A
Rated grid frequency	50/60HZ
Output current harmonic	<3%
Power characteristics	
Power factor	>0.99
Isolating mode	Transformer excluded
Max. efficiency	98.92%
EU efficiency	98.66%
Self-consuming at runtime	<1500W
Self-consuming in standby	<25W
Protection level Ambient temperature ⁽¹⁾	IP20 (IP21 optional) - 30~+60°C
Allowed humidity (non condensing)	0~95%
Altitude at full load ⁽²⁾	3000m
Cooling mode	Controllable forced air cooling
Power supply mode	Self-powered/external (optional)
External auxiliary power voltage	220VAC
Communication-port	RS485/Ethernet (optional)
Mechanical parameters	
Dimensions (W×H×D)	2100×2050×750mm
Weight	1905kg

(1) When ambient temperature is under -30°C, the inverter needs to configure with heater (optional)

(2) When above 3000m, the inverter needs derating, and you should contact the manufacturer for derating parameter.

