



E²C2000-P117/P130

IP66 outdoor well protection

Maximum efficiency 98.5%

110% overload ability@40°C

Enhanced performance(low THD, high control resolution, fast response)

High Reliability

- IP66 for all harsh environment
- Distributed heat dissipation, well temperature management
- Supports DC reverse connection and system grounding protection
- Cooperate with BMS and EMS, comprehensive protection

Advanced performance

- 3P4W connection, 100% unbalanced load capability
- 30ms fast charge & discharge transfer
- HVRT & LVRT, enhanced adaptability to grid
- 110% overload @40°C, enhanced over load performance good temperature management for better electric component operation

High efficiency

- ANPC topology with Hybrid vector modulation algorithm
- Max. efficiency>99%
- Standby losses<100W

Multi function

- Support VSG, VF, PQ
- Automatic and Smart control for charge & discharge, AC couple with solar system
- On grid and off grid operation without transformer, 100% unbalanced load capability



Model

E²C2000-P117E²C2000-P130

DC parameters

Max. DC voltage	1000V	
DC voltage range	600V ~ 1000V	
Rated power	117kW	130kW
Max. Continuous DC power	132kW	147kW
Max. Continuous DC current	220A	245A

AC parameters

Rated power	117kVA	130kVA
Rated voltage	400Vac	
Rated current	169A	188A
Max.continuous current	186A	206A
Max. continuous power	129kW	143kW
Max. current	203A	225A
Max. power	141kW	156kW
AC Voltage range	±15%	
Max. efficiency	98.5%	
Frequency	50Hz/60Hz	
Power factor	-1.0~1.0	
DC component	< 0.5%@nominal power	
Current THD	< 3%@nominal power	

General parameters

Connection method	3P4W
Standby losses	< 100W
Cooling method	Intelligent air forced cooling
IP protection	IP66
Noise	< 75dB
Weight	95kg
Dimension (W*D*H)	770mm*1100mm*220mm
Compliance	IEC62477, IEC61000, EN50549

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