



E²C2000-P186/P210

IP66 outdoor well protection

High efficiency 99%

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

- 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
- Suitable for SCR<1.5, extreme weak grid adaptability Reliability

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, fast mode transfer



Model

E²C2000-P186E²C2000-P210

DC parameters

Max. DC voltage	1500V
DC voltage range	1000V ~ 1500V
Rated power	186kW
Max. Continuous DC power	210kW
Max. Continuous DC current	210A

AC parameters

Rated power	186kVA
Rated voltage	690Vac
Rated current	156A
Max.continuous current	172A
Max. continuous power	205kW
Max. efficiency	>99.0%
Frequency	50Hz/60Hz
Power factor	-1.0~1.0
DC component	< 0.5%@nominal power
Current THD	< 3%@nominal power

General parameters

Connection method	IT
Standby losses	< 100W
Cooling method	Intelligent air forced cooling
Operation temperature	-30°C~60°C
IP protection	IP66
Weight	95kg
Dimension (W*D*H)	630mm*900mm*285mm
Compliance	IECIEC62477, IEC61000, EN50549

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