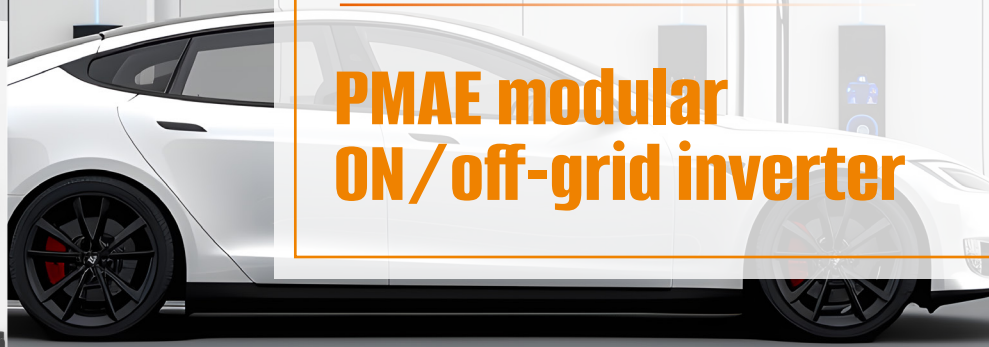


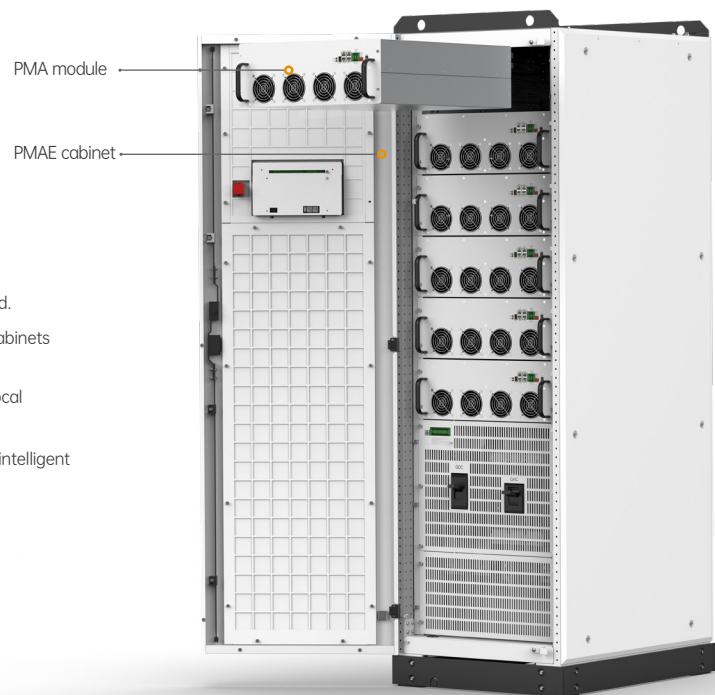
PM Modular Series Product

PMAE modular ON/off-grid inverter



Key strengths

- Intelligent electrical protection with fault isolation and fast breaking.
- Pre-assembled standard products for flexible configuration on demand.
- System capacity can be freely matched, single cabinet and multiple cabinets can be easily managed.
- The 10 inch industrial screen with integrated EMS function, supports local remote maintenance.
- Multiple safety protection with SPD ISO GFCI monitoring function and intelligent electrical protection linkage.
- Bluetooth APP interaction is easy to debug and monitor.
- Compatible with three-phase three-wire, three-phase four-wire.
- Support three-phase unbalance compensation.
- Support three-phase unbalanced load.



DC

Model	PMAE0150	PMAE0200	PMAE0250	PMAE0300	PMAE0350
DC circuit count	1/3	1/4	1/4	1/5	1/6
DC voltage range (V)	590~950 (600~900 full load)				
Max. DC current (A)	±257	±344	±430	±515	±600
Voltage stabilization accuracy	±1%				
Current stabilization accuracy	±2%				

AC(on-grid)

Rated AC power (kW)	150	200	250	300	350
Max. AC power (kVA)	165	220	275	330	385
Voltage scale	3W+PE				
Rated voltage (V)	400				
Rated AC current (A)	216	288	360	433	505
Max. AC current (A)	238	318	396	476	555
THDi	< 2%				
Allowable grid voltage range (V)	400±15%				
Allowable grid frequency range (Hz)	50±2Hz/60±2Hz				
Power factor adjustment range	-1~+1				

System

Max. efficiency	98.5%				
Charge/discharge switching time (ms)	< 20				
Protection degree	IP20				
Relative humidity	< 95%(Non-condensing)				
Operating temperature range	-30~60 (derating over 45°C)				
Max. operating altitude	5,000m(> 3,000m Derating)				
Communication interface	RS485/CAN/Ethernet				
BMS/EMS access	Yes				
Dimension W*D*H (mm)	600*750*1,800				
Weight (kg)	290	320	320	350	350