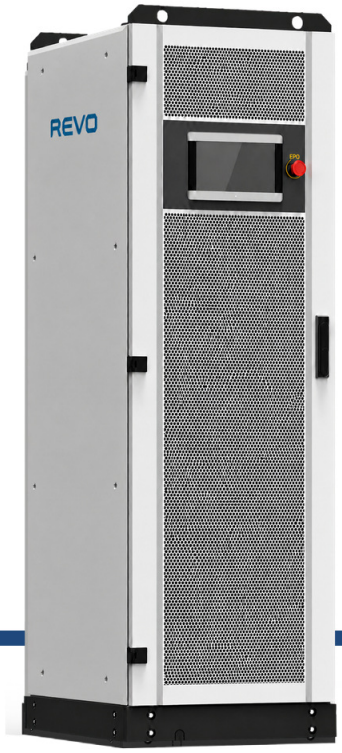
REVO



PM Modular Series Product

Core
PMAE Modular Ongrid Inverter

PMA module parameters

DC(battery)

Model	PMA60	PMA100
Max. DC power (kW)	75	126
DC voltage range (V)	700~950（720~900 full load）	
Max. DC current(A)	±110	±180
Voltage stabilization accuracy	±1%	
Current stabilization accuracy	±2%	

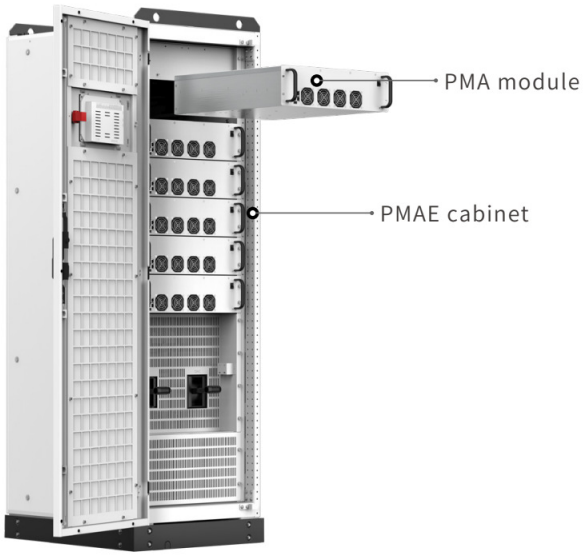
AC(on-grid)

Rated AC power (kW)	62.5	105
Max. AC power (kW)	75	126
Voltage scale	3W+PE	
Rated voltage(V)	480	
Rated AC current (A)	75	126
Max. AC current(A)	90	150
THDi	＜3%	
Allowable grid voltage range (V)	480±15%	
Allowable grid frequency range (Hz)	60/50±2.5	
Power factor adjustment range	-1~+1	
Active power accuracy	1%	
Reactive power accuracy	2%	

System

Max. efficiency	98.5%	98.7%
Charge/discharge switching time (ms)	＜20	
Protection degree	IP20	
Relative humidity	＜95% (Non-condensing)	
Operating temperature range	-30~60（derating over 45℃）	
Max. operating altitude	5,000m(＞3,000m derating)	
Communication interface	RS485/CAN/Ethernet	
BMS/EMS access	Yes	
Dimensions (W*D*H)	440*550*133	
Weight (kg)	30	40

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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.

PMAE cabinet parameters

DC(battery)

Model	PMAE250	PMAE500	PMAE630
Quantity of battery strings	1/4	1/5	1/6
DC voltage range (V)		700~950（720~900 full load）	
Max. DC current(A)	±440	±900	±1080
Voltage stabilization accuracy		±1%	
Current stabilization accuracy		±2%	

AC(on-grid)

Rated AC power (kW)	250	500	630
Max. AC power (kW)	275	550	693
Voltage scale		3W+PE	
Rated voltage(V)		480	
Rated AC current (A)	300	600	758
Max. AC current(A)	330	660	833
THDi		＜3%	
Allowable grid voltage range (V)		480±15%	
Allowable grid frequency range (Hz)		60/50±2.5	
Power factor adjustment range		-1~+1	
Active power accuracy		1%	
Reactive power accuracy		2%	

System

Max. efficiency	98.5%	98.7%	98.7%
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	
Dimensions (W*D*H)		600*750*1,800	
Weight (kg)	300	430	470