

# EVO-OLVP1-5K/5-30kWh

AIO household horizontal energy storage system



Integrated design, flat and stackable, no wiring, convenient and efficient installation



Operate through touch display and APP, remote control



fire safety module built to ensure household electricity safety



Leading intelligent design: peak shaving and valley filling, intelligent load, etc



capacity can be expanded to 32 battery packs



The battery pack can be flexibly matched to any PCS

## Technical Parameter

Model	EVO-OLVP1-5K/5-30kWh
<b>Inverter parameters</b>	
Rated AC output power (W)	5000
Maximum AC output power (A)	30
AC maximum charging power (W)	3150
AC charging current range	0~60A
Rated output voltage	220/230Vac, 110/120Vac
Grid frequency	50/60Hz
Maximum DC input power (W)	5000
DC charging voltage range (V)	120~500
DC charging current range (A)	0~80
MPPT voltage range (V)	120-450
Size (W*D*H,mm)	710*450*192
Automatic switching cycles	<15ms
Weight (kg)	27
<b>Battery module parameters</b>	
Battery module energy (kWh)	5.12
Cell type	LiFePO4
Module voltage rating (V)	51.2
Operating Voltage Range (V)	44.8~57.6
Battery Capacity (Ah)	100
Module extensibility	Stack up to 6 modules and expand up to 163.84kWh
Maximum charging current (A)	100
Maximum discharge current (A)	100
DOD	80%
Battery module weight (kg)	53
Battery module size(W*D*H,mm)	710*450*192
Number of cycles	≥6000 times
<b>system parameter</b>	
system parameter	IP20
Cooling method	Forced air cooling
Operating temperature range	charging: 0~45°C / discharging: -10°C~45°C
Storage temperature	-25°C~60°C
Operation Humidity	5%~95% (No condensation)
Nominal operating altitude	<2000m
Authentication	UN38.3,MSDS,EN55032,EN55024,EN61000-3-2,EN61000-3-3
Communication	RS485/CAN/WIFI
Warranty	Battery 10 years, inverter 5 years