

## EOP 048V6000

On/Off Grid Solar Inverter  
6KW



### Flexible Rate Tariff

Charge from the grid at off-peak times where energy is cheaper, and discharge at peak times where energy is more expensive.



### Safe

Physical and electrical dual isolation AFCI function integration AC overcurrent, AC overvoltage, Over-heat protection Ip65 protection grade



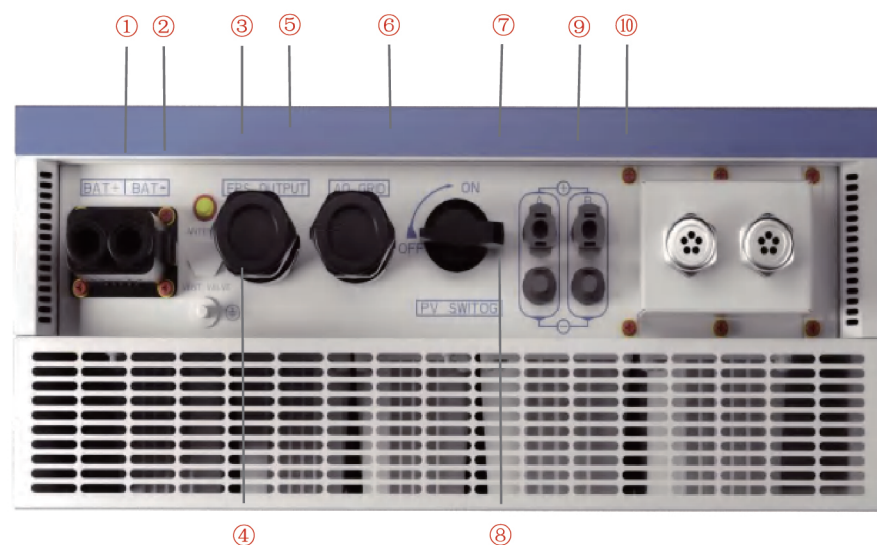
### Multiple working modes

SC HZ 6K series supports four working modes



### Quick backup

Provides backup load with a switching time less than 10 ms.



- ① BAT+
- ② BAT-
- ③ ANTENNA
- ④ VENT VALVE
- ⑤ EPS OUTPUT
- ⑥ AC GRID
- ⑦ ON/OFF
- ⑧ PV SWITCH
- ⑨ A
- ⑩ B

EOP048V6000	3K	3.6K	4K	4.6K	5K	6K
<b>Input data(PV)</b>						
Max recommended PV power	6000W	7200W	8000W	9200W	10500W	112000W
Max.DC voltage	550V					
Start voltage	120V					
Rated voltage	360V					
MPPT voltage range	120-550V					
MPPT quantity	2					
No.of MPPT trackers	1					
Max.input current per MPPT tracker	13.5A					
Max.short-circuit current per MPPT tracker	16.5A					
<b>Output data(AC)</b>						
AC nominal power	3000W	3680W	4000W	4600W	5000W	6000W
Max.AC apparent power	3000VA	3680VA	4000VA	4600VA	5000VA	6000VA
Nominal AC voltage (range)	230V/(180Vac-270Vac)					
AC grid frequency (range)	50Hz/60Hz(45Hz-55Hz/55Hz-65Hz)					
Max.output current	16A	16A	22A	22A	27A	27A
Adjustable power factor	0.8 advance, 0.8 lag					
THDi	<3%					
AC grid connection type	L+N+PE					
<b>Battery data(DC)</b>						
Battery voltage range	42~59V					
Max charging and discharging current	66A	75A	85A	85A	85A	85A
Continuous charging and discharging power	3000W	3680W	4000W	4000W	4000W	4000W
Type of battery	Lithium/Lead-acid					
<b>Backup power(AC)</b>						
Max. AC output power	3000W	3680W	4000W	4000W	4000W	4000W
Max. output current	17.4A					
Nominal AC output voltage	230Vac					
Nominal AC output frequency	50/60HZ					
THDV	<3%					
Switch time	<10ms					

Note: Product specifications are subject to change without further notice