

## Single-phrase off-grid PCS EOP 3500 | EOP 5000






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### Product Features:

EOP series off-grid solar inverter is integrated with a MPPT solar charge controller, a high frequency pure sine inverter and a UPS function module in one machine, it works with or without battery.

EOP series can be wired in parallel to increase the output capacity, with monitoring access, the whole system status could be clearly shown to the users.

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-  Rated power 3.5KW / 5KW, power factor 1
  -  Built-in MPPT, MPPT voltage range 120V~430VDC
  -  Solar and Utility joint to power the loads
  -  Work w/o battery
  -  Parallel operation up to 6 units, support three phrase work mode
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## Technical Parameters:

Technical Parameters	EOP3500	EOP5000
General Data		
Rate Power	3500 VA / 3500 W	5000 VA / 5000 W
System DC Voltage	448 VDC	
Parallel Option	Up to 6 units	
Monitoring Option	WiFi or GPRS	
Inverter Output		
AC Voltage	220 - 230 - 240 VAC	
Surge Power	7000 VA	10000 VA
Peak Efficiency	93%	
Transfer Time	10 ms for computers / 20 ms for home appliances	
Waveform	Pure sine wave	
Solar & AC Charge		
Max PV Open Circuit Voltage	450 VDC	
Max PV Array Power	4500 W	6000 W
Operating Voltage MPPT Range	450 VDC	
Battery Overcharge Protection	60 VDC	
Max Solar Charge Current	80 A	100 A
Max AC Charge Current	60 A	80 A
Physical		
Dimension H * W * D	4470*320*135 mm	470*320*135 mm
Net Weight	11.5 kg	12 kg
Communication Interface	USB / CAN / RS485	
Environment		
Humidity	5% to 95% relative humidity (non-condensing)	
Operating Temperature	0℃~50℃	
Storage	-15℃~60℃	