



- ## »» Overview:

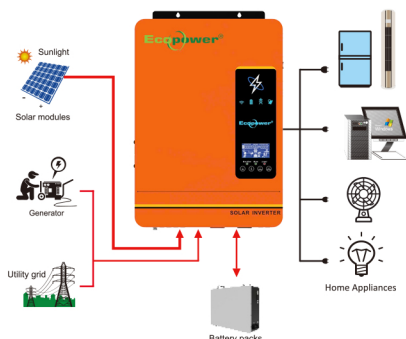


EP SERIES

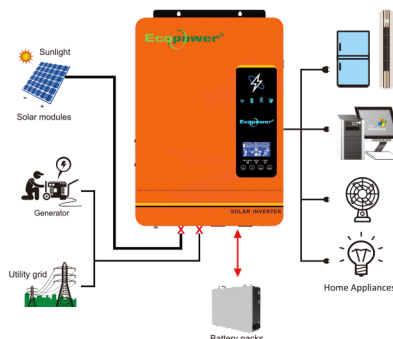
Hybrid Solar Inverter

EP 2200VA/3200VA/4200VA/7000VA

■ Operation with battery connected
Solar Power and AC Power available



Solar Power and AC Power not available



Product Data Sheet

MODEL	EP-2200		EP-3200		EP-4200		EP-7000	
Rated Power	2200VA/1800W		3200VA/3000W		4200VA/3800W		7000VA/6200W	
INPUT								
Voltage	230VAC							
Selectable Voltage Range	170-280VAC(for personal computers) 90-280VAC(for home appliances)							
Frequency Range	50Hz/60Hz (Auto sensing)							
OUTPUT								
AC Voltage Regulation (Batt.Mode)	230VAC±5%							
Surge power	4400VA		6400VA		8000VA		14000VA	
Transfer Time	10ms (for personal computers) 20ms (for home appliances)							
Wave form	Pure Sine Wave							
BATTERY & AC CHARGER								
Battery Voltage	12VDC		24VDC		24VDC		48VDC	
Floating Charge Voltage	13.5VDC		27VDC		27VDC		54VDC	
Overcharge Protection	15.5VDC		31VDC		31VDC		61VDC	
Maximum charge current	60A				80A			
SOLAR CHARGER								
MAX.PV Array Power	2000W		3000W		6000W		6000W	
MPPT Range@ Operating Voltage	55-450VDC							
Maximum PV Array Open Circuit Voltage	450VDC							
Maximum Charging Current	80A				110A			
Maximum Efficiency	98%							
PHYSICAL								
Dimension.D*W*H(mm)	405X286X98MM				423X290X100MM		423X310X106MM	
Net Weight (kgs)	4.5kg		5.0kg		7.0kg		8.0kg	
Communication Interface	RS232/RS485(Standard) WIFI(Optional)							
OPERATING ENVIRONMENT								
Humidity	5% to 95% Relative Humidity(Non-condensing)							
Operating Temperature	-10°C to 55°C							
Storage Temperature	-15°C to 60°C							