

SUNPOLO Series



MAIN FEATURES

- Max.Can Be 9PCS in Parallel With Optional Kit
- 80A MPPT Solar Charge Controller up to 5000W Solar panel
- Efficiently Work With or Without Battery
- Built-in WIFI for Mobile Monitoring(Requires APP)
- 5KW Can Be off Grid and on Grid
- Compatible With Lithium Battery
- 5KW is Real Hybrid Can Work as Off Grid and On Grid Solar Inverters

Solar System Connection



IT CAN WORK WITH OR WITHOUT BATTERY

TECHNICAL PARAMETER

MODEL	SUNPOLO-3K	SUNPOLO-5K
The rated power	3KW	5KW
INPUT		
Voltage	230 VAC	
Selectable Voltage	176-280 VAC at 100% load	110-280 VAC at 50% load
RangeFrequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Model)	230VAC ± 3%	
Surge Power	6400VA for 5 sec	10400VA for 5 sec
Efficiency(Peak)	> 95% (Rated R load, battery full charged)	
Transfer Time	10ms (For Personal Computers), 20ms (For Home Appliances)	
Wave form	Pure sine wave	
BATTERY		
Battery voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	32VDC	64VDC
SOLAR CHARGER&AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum PV Array Power	4000W	5000W
MPP Range@ Operating Voltage	120-430VDC	120-430VDC
Maxmum Solar Charge Current	80A	80A
Maximum AC Charge Current	80A	
PHYSICAL		
Dimension, D*W*H(mm)	492*303*129mm	456*303*147mm
Net Weight (kgs)	9.5	11.97
Communication Interface	Removable OTG USB/RS232/RS458/BLE/Dry-contact,BMS interface, 9pcs in parallel (only 5KVA)	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operation Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
*Product specifications are subject to change without further notice		