

SPE Series (US) OFF GRID SOLAR INVERTER

SPE Series (US) Product Introduction

MODEL	SPE1600-12406L	SPE3000-12406L SPE3000-14806L	SPE5000-14812L	SPE10000-14812L
Rated load power	2000VA/1600W	3800VA/3000W	6000VA/5000W	12500VA/10000W
parallel function	Without parallel			
MAX PV Array Power	1600W	1600W(24V) 3200W(48V)	6400W	6400W
MPPT input interface	1 way			
Battery rated voltage	24VDC	24VDC/48VDC	48VDC	
AC INPUT				
Voltage	110VAC/220VAC(Phase-splitting optional)			
Selectable Voltage Range	95 - 140VAC (for personal computers)/65 - 140VAC (for home appliances)			
Frequency Range	50Hz/60Hz (Auto detection)			
AC OUTPUT				
AC Voltage Regulation(Batt.Mode)	110VAC ±5%			
Surge power	4800W	9000W	15000W	30000W
Transfer Time	10ms (UPS)/20ms (INV)			
BATTERY & AC CHARGER				
Battery Voltage	24VDC	24VDC/48VDC	48VDC	
Floating Charge Voltage	27VDC	27VDC/54VDC	54VDC	
Overcharge Protection	31VDC	31VDC/61VDC	61VDC	
Maximum charge current	30A	48A/24A	50A	100A
SOLAR CHARGER				
MAX PV Array Power	1600W	1600W(24V)/3200W(48V)	6400W	
MPPT Range@Operating Voltage	24V: MPPT 30V-150VDC / 48V: MPPT 60V-150VDC			
Maximum PV Array Open Circuit Voltage	150VDC			
Maximum Charging Current	60A		120A	
Maximum Efficiency	99%			
Parameter				
Communication	RS485			
IP level	IP20			
Certificate	IEC62109-1&-2			
Operating Temperature	0°C to 40°C			
Storage Temperature	-15°C to 45°C			
Optional Configuration	WIFI module			

- Independent Operation Capability: Off-grid Inverters Can Work Independently Without A Public Power Grid, Providing Power To Remote Areas Or Areas With Unstable Power Grids.
- Pv Input Voltage Range (30~150vdc)
- Support Bms Communication With Lithium Batteries



Supports high PV voltage input (30 - 150V)



Max supports 60A PV charging



Split-phase output supported (optional)



WIFI connection, APP monitoring



Stable power-frequency output



Simple and easy to use

