

SolGlow-P1







SolGlow-P1-300

SolGlow-P1-500



Product Overview

SolGlow-P1 can be charged by grid or solar, Whether indoors or outdoors. has built-in MPPT and supports a maximum of 500W solar charging. The charging voltage is 12-60V. It can be directly connected to the solar panel through the XT60 interface for charging. Lithium iron phosphate batteries are safe and durable, capable of over 4000 cycles, Even if charged daily, they can provide a service life of about 10 years.

-  Ultra-long cycle, can reach 4000+ cycles, and can be used for more than 10 years.
-  Multiple protections, safe and reliable.
-  Lithium iron phosphate battery cells.
-  Multiple output interfaces, pure sine wave, compatible with various electrical loads.
-  Lightweight and portable, flexible arrangement.
-  Supports photovoltaic power access, improving the self-consumption rate.

Model	SolGlow-P1-300	SolGlow-P1-500
Battery	1*battery cell LiFePO ₄	
Battery Capacity	314Ah	
Battery Energy	1004Wh	
Input Specifications		
AC Input Rated Voltage	110V/220V	
AC Charging Rated Power	300W	500W
AC Charging Frequency	45Hz - 65Hz	
PV Input Voltage Range	12 - 60V	
PV Input Maximum Power	200W	500W
PV Charging Efficiency	88%	
Output Specifications		
AC Output Rated Voltage	110V/220V	
AC Output Rated Power	300W	500W
AC Output Frequency	50 / 60Hz	
AC Output Efficiency	85%	
Output Waveform	Pure sine wave	
AC Output Peak Power	600W	1000W
Bypass Mode	Available	
UPS Mode	UPS class switch time: <12ms	
DC Output Rated Voltage	3.2V	
Overall Performance		
Trickle Charging	Available	
Heat Dissipation Method	Fan forced - cooling	
Protection Functions	OLP,OVP,OCP,OTP,LVP	
Interfaces		
USB DC Output	2*USB Type A ports,5V/9V/12V,20W max 1*USB Type C port,5V/9V/12V,20W max	
AC Output	2*AC ports, 300W max	2*AC ports, 500W max
PV Input	1*XT60 port 12-60V ·200W max	1*XT60 port 12-60V ·500W max
AC Input	1*C14 AC inlet port	
Battery Level Indicator	4 LEDs ●●●●	
Product Dimensions	264×190×230mm	
Product Weight	≤10.5kg	
Configuration List	Host + PV panel (optional)	

