

Portable Power Station

S1600 Datasheet



Introduction

The QVWI S1600 is a portable power station based on innovative Li-ion technology. It is used as backup power supply for car, indoor and outdoor emergency. It can be charged by solar PV generation and by grid. It provides AC and DC output modes to meet the needs of different situations and applications.

Features

- Portable, mobile, easy to use;
- Support multiple charging methods, 14-54V Solar Input, 12-32V DC Input and 200-240Vac Input.
- Support AC 750~1000W Input and DC 240W output Max.
- High-performance and high-safety LFP power batteries;
- Support four QC3.0 fast charge output;
- Support one PD 100W output, Type-C interface;



PRODUCT SPECIFICATIONS

ITEMS		DESCRIPTION	NOTE
Battery Cell		Cell Type: LiFePO4	Model: 33138
Cell Compound Mode		8S4P	
Rated Capacity		1536Wh (25.6V/60Ah)	
Housing		ABS+PC	
MPPT Charging		Support	
UPS Function		Support	Switch Time \leq 30ms
DC Charging Efficiency		88%	
AC Discharging Efficiency		88%	
Input	DC Input	12-32V Max 240W (DC5521)	By DC/Car adapter
	XT60 Charge Port	14-54V Max 500W (XT60)	By Solar Panel
	AC Input	200-240V Max 750~1000	
Output	4*USB-A	5V3A/ 9V2A/12V1.5A	QC 3.0
	2*USB-C	5v/9V/12V/15V/20V,5A Max	PD 100w
	1*DC5521	13V/3A(Max)	1 Port
	1*Car Socket	13V/10A(Max)	1 Port
	4*AC output	200~240Vac @50Hz Sine Wave Rated Power: 1600W Overload Power: 2400W Peak Power: 3000W	Overload protection power: 2S Delay Peak Power: 200 ms Resistive Load
Operating Temperature		0~45°C	Ambient Temperature
Operating Humidity		20-90% no condensation	
Storage Temperature		-10~ 45°C	
Standby Time		Recharge every 3 months	
Dimension		370 x 311.5 x 235mm	
Weight		~17KG	