

Portable Power Station

CP01QV-300W Datasheet

Introduction

CP01QV-300W is a portable power station based on innovative Li-ion technology. It is used as car, indoor and outdoor emergency backup power supplier. It can be charged by solar PV generation and by grid and it provides AC and DC output modes to meet the needs of different electronics products.



Features

- Portable, mobile, easy to use;
- Support multiple charging methods, 11-25V/interface DC5521 charging (photovoltaic charging);
- Support DC charging and discharging simultaneously;
- Support AC 230V 50Hz and DC 5V/9V/12V voltage output;
- High-performance, high-safety and high-power automotive power batteries;
- System protection function for scenarios such as undervoltage, overcurrent, overtemperature, short circuit, overcharge, overdischarge, etc.;
- Support two QC3.0 fast charge output function;
- Support one PD3.0/30W output, TYPE-C interface;

Main Specification

ITEMS		DESCRIPTION
Basic Parameters	Dimension(W x D x H)	287*103*186MM
	Battery Capacity	307.2WH/12.8V/24Ah
Input	DC Charger	14.8V 3A
	Car Charger	12V 3.5A (MAX)
	Solar PV Input	11-25V (42W MAX), MPPT Method
	Charging Efficiency	≥90%
Output	DC12V	≥10A, 10-14V
	QC3.0	≥18W, 5/9/12 ±5% V
	PD3.0	≥30W, 5/9/12 ±5% V
	AC	300W 230V ±5%
	Frequency	50Hz ±5% Pure Sine Wave
Light	Power	1W ±5%
	Color	White
	Color Temperature	6000K~6500K
	Function	Lighting/SOS
Environment	Working Temperature	0-45 ° C
	Storage Temperature	-5-35 ° C
	Relative Humidity	20-90%
	Cooling Method	Natural Air Cooling
Other	BMS Feature	Under-Voltage, Over-Current, Over-Temperature, Short-Circuit, Over-Charge, Over-Discharge