

500W 518Wh Portable Power Station Datasheet



Model		P500S
General	Capacity	518Wh
	Cell chemistry	LiFePO ₄
	Single cell capacity	27Ah @3.2V/pcs
	Lifecycle	3000+ Cycles to 80% Capacity
	Indicator	APP / TFT Screen
	Storage temp.	-10°C - 45°C
	Operating temp.	-10°C - 40°C
	Material	ABS + PC/Metal
	Weight	7.4 ± 0.5kg
	Dimensions	335W x 236H x 180D mm
	Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc.
	Solar charge system	MPPT charge controller
Input	AC	500W max (220V-240V @50Hz)
	XT60 (solar)	200W max (PV input range: 11V-30V)
Output	AC	500W stable / 1000W peak (220V-240V @50Hz)
	USB-C	100W max
	USB-A	12W max (5V-12V)
	DC 5525	120W max per output @12V/10A (120W total output)
	Car port	

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