

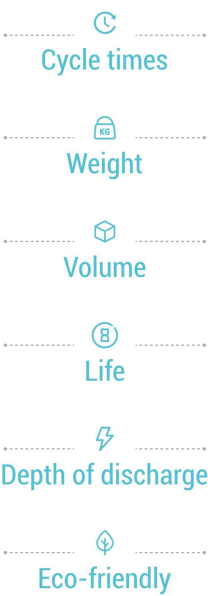
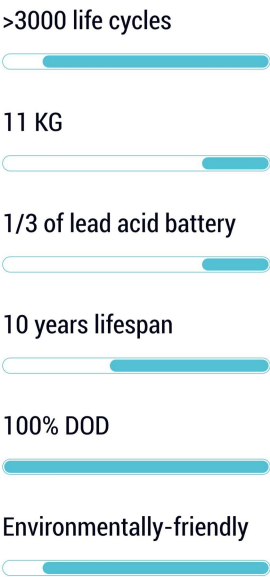


PowerNest P2

12V / 70 Ah
 Perfect for replacement of lead-acid starter

Sodium-ion battery

12V 70Ah



Lead-acid battery

12V 70Ah



Battery P2 (PCS-1270-02), 12V, Sodium-ion

Cell	Battery type	Sodium ion battery
	Capacity	70 Ah
	Rated voltage	3.05 V
	Combination method	4S1P
Electrical Characteristics	Nominal voltage	12 V
	Nominal capacity	70 Ah
	Energy	840 Wh
	Cycle life (@0.5C,70%DOD)	≥2000
	Months self discharge	<3%
	Efficiency of discharge	96% ~ 99% @1C
Standard Charge	Charge cut-off voltage	15.8 V
	Charge current	35 A
	Max. charge current	70 A
Standard Discharge	Discharge current	70 A (500A1S)
	Discharge cut-off voltage	7.2 V
Environmental	Charge temperature	-10°C to 45°C (14°F to 113°F) @60 ± 25% Relative humidity
	Discharge temperature	-30°C to 55°C (-22°F to 131°F) @60 ± 25% Relative humidity
	Storage temperature	-10°C to 40°C (14°F to 104°F) @60 ± 25% Relative humidity
	Water dust resistance	IP56
Mechanical	Plastic case	ABS
	Dimension (W x H x D)	349 x 187 x 171 mm (13.7 x 7.4 x 6.7 in)
	Weight	11 kg (24.3 lb)

