

PEN-1KWH

PORTABLE ENERGY

UNINTERRUPTED LIFE
PATTERN[®]

PORTABLE ENERGY



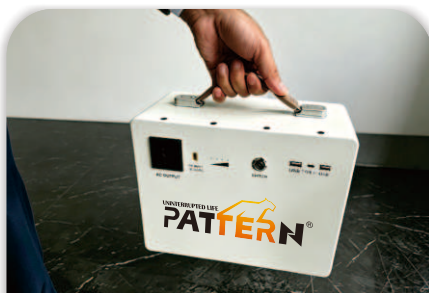
PEN-1KWH



1 Kilowatt-hour power, long battery life
Freedom of electricity for camping



200W Rated Load Power
Meeting basic needs



Easy to Carry



Long-lasting and Durable
over 8000 cycles life

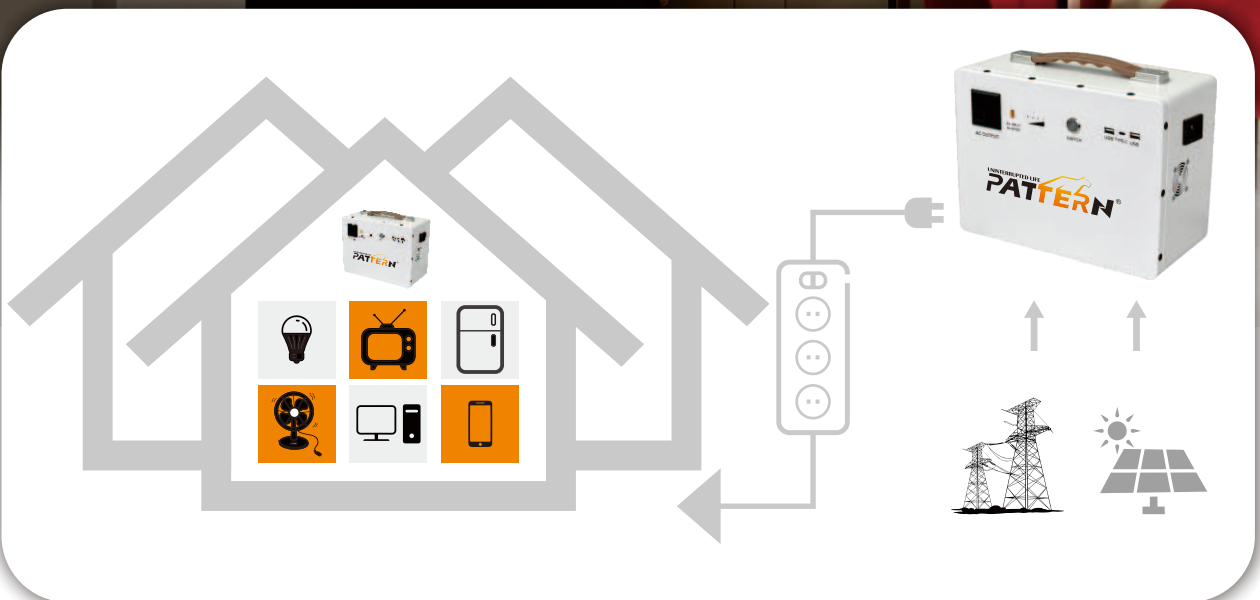


Safer LiFePO4 Battery
14Ah cell with higher energy density

General Parameters

Model	PEN-1KWH	Battery Type	LiFePO4
Cell& Metheod	1S1P	Nominal Voltage(V)	3.2
Nominal Capacity(Wh)	1004.8	Usable Capacity(Wh)	904.3
OUT PUT	220VAC/50Hz	Charging Temperature	0~60°C
OUT Power	300W	Storage Temperature	-20~45°C
PV Input	12V-55VDC/10A	Dimension(mm)(W*H*D)	272*139*216
PV Input power	200W	Protection Leve	IP20
Weight(Kg)	9.6	Cycle Life	> 8000

Home Emergency Backup

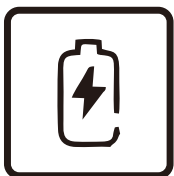


• LARGE CAPACITY DESIGN

Significant increase in energy density of battery packs

• HIGHER ENERGY EFFICIENCY

Guaranteed energy efficiency / cycle with high energy density design,
>95% @0.5P/0.5P



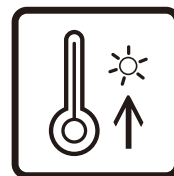
BMS Over
Voltage Protection



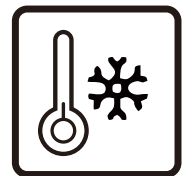
Undervoltage
Protection



Short Circuit
Protection



High Temp
Protection



Low Temp
Protection