

# PES100

BATTERY/PCS/PV SYSTEM



## PORTABLE ENERGY STORAGE SYSTEM

PES series Energy Storage System uses smart energy scheduling and management to provide power for a variety of electrification equipment, mainly used in rental, industrial/commercial user side peak shaving, construction, large-scale events or heavy-duty electric vehicle charging. Zero-emission, ultra-quiet, rapidly movable and rugged, it is a sustainable, safe and reliable alternative to electricity supply.

### Product Features

- Smart energy management system
- AC/DC power conversion system
- LiFePO4 air-cooled battery pack
- RCD leakage protector
- Plug and play interface
- Super-silent structure
- Fire safety system

### Certification Standards



- UN 38.3
- IEC 62619
- IEC 62477

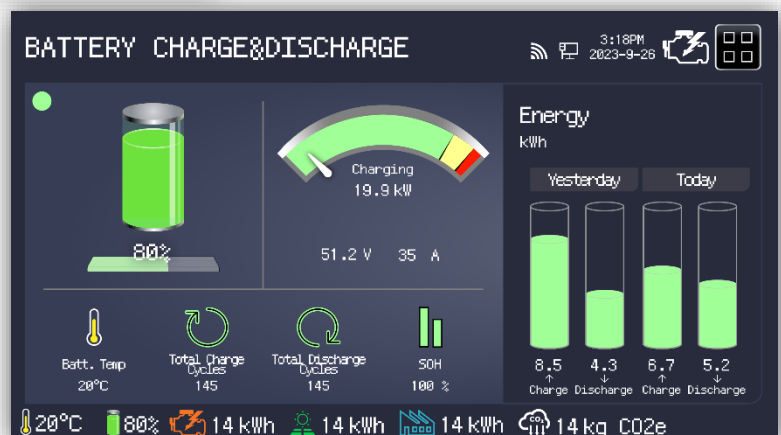
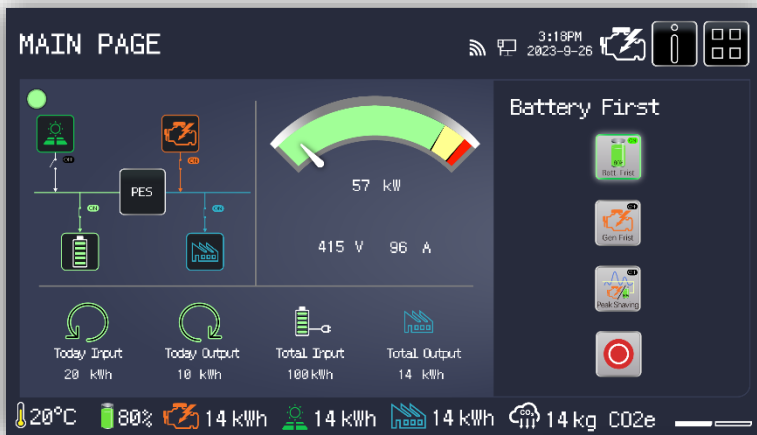


- IEC 62933-2-1
- CE Declaration of Conformity



- VDE-AR-N 4110
- EN-50549-1
- UL 1973

### Intelligent Energy Management



# PES100 SPECIFICATION

## PES100 PORTABLE ENERGY STORAGE SYSTEM

Rated power (kVA/kW)	100/100		
Frequency (Hz)	50		
Phase(P)	3		
Power factor (PF)	1		
Noise level dBA@7m	58		
Voltage (AC V)	380	400	415
Current (A)	152	144	139

## PV SYSTEM

Rated power (kWp)	30
Input voltage (DC V)	0-650

## BATTERY SYSTEM

Battery type	LiFePO4
Battery capacity (kWh)	115.2
Rated voltage (DC V)	768
Max charging rate	1C
Max discharging rate	1C
Recommended discharging rate	1C
Battery cycle life	>6000cycles (90%DOD, 1C)

## LOGISTICS DATA

Protection class	IP54
Dimensions (mm)	2250x1350x2250
Dry weight (kg)	3701
40" Loading (Qty)	8



\* Data is subject to change without prior notice as new products are always developed. Please contact iGO2Zero or local agent with any doubts or for more information.