



INFINITE | ENERGY | STORAGE

## Product Introduction

# IES-BATT-14.33



### More Usable Energy

- Deep cycle DOD control

### Easy Installation

- Floor Stand or Wall Mounted

### Flexible Investment

- Up to 15 units in parallel

### Perfect Compatibility

- Compatible with Major PCS Brands

### Safe & Reliable

- Premium Lithium Iron Phosphate(LFP)  
8000 cycles

### Quick Commissioning

- One Button ON/OFF
- Automatic ID Assignment

CE UN38.3 IEC  

# Product Specification

## Performance

Cell technology	LFP (LiFePO4)
Battery usable energy [1]	14.33 kWh
Nominal voltage	51.2 V
Operating voltage	44.8 - 56.16 V
Nominal output current	140 A / 280 A
BMS protection current	300 A, 1 S

## Communication

Display	SOC status indicator, LED indicator
Communication	CAN / RS485 / RS232 / Wi-Fi (optional)

## General Specification

Dimension (W*D*H)	800×250×839 mm
	31.5×9.8×33.0 inch
Weight	145 kg (320 lbs)
Installation	Floor stand or Wall mounted
Operating temperature [2]	-20 to 60 °C (-4 to 140 °F)
Environmental humidity	≤ 95%RH (No condensation)
Protection rating	IP 20
Cycle life [3]	8000 Cycles or ten (10) years @ 80% DOD / 25°C / 0.5C, 70% EOL
Scalability	Max 15 batteries in parallel
Application	ON Grid / ON Grid + Backup / OFF grid
Compatible inverters	Refer to compatible inverter list (Compatible with major PCS brands)

## Standard Compliance

	Cell: UN38.3 / IEC62619 / UL 1642 / JET
	Battery pack: UN38.3 / IEC62619 / IEC61000 / UKCA (More available upon request)

## Ordering and Deliverable Part

Part	IES-BATT-14.33 Battery
	IES-BATT-14.33 Parallel cable
	IES-BATT-14.33 to PCS cable

## Image



[1] Test conditions: 100% depth of discharge [DOD], 0.2C rate charge & discharge at 25°C.

[2] Charge/discharge derating occurs when the operating temperature from -10°C to 5°C & 45°C to 55°C.

[3] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.