



INFINITE | ENERGY | STORAGE

Product Introduction

IES-BATT-14.33



More Usable Energy

- 100% Depth of Discharge

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



Product Specification

Performance

Cell technology	LFP (LiFePO4)
Battery usable energy [1]	14.33 kWh
Nominal voltage	51.2 V
Operating voltage	45.6 - 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

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 @ 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

Certificates	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.