



INFINITE | ENERGY | STORAGE

## Product Introduction

# IES-BATT-7.68



### 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)  
6000 cycles

### Quick Commissioning

- One Button ON/OFF
- Automatic ID Assignment

**UN38.3**

# Product Specification

## Performance

Cell technology	LFP (LiFePO <sub>4</sub> )
Battery usable energy [1]	7.68 kWh
Nominal voltage	51.2 V
Operating voltage	44.8 - 56.16 V
Max.charge and discharge current	150 A

## Communication

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

## General Specification

Dimension (W*D*H)	600×250×759 mm
	23.6×9.8×29.8 inch
Weight	95Kg (209 lbs)
Installation	Floor stand or Wall mounted
Operating temperature [2]	Charge : 0 to 55°C (32 to 131°F) Discharge : -20 to 55°C (-4 to 131°F)
Environmental humidity	≤ 95%RH (No condensation)
Ingress protection rating	IP 20
Cycle life [3]	6000 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

Compliance	UN38.3 / IEC62619 / IEC61000 (More available upon request)
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## Ordering and Deliverable Part

Part	IES-BATT-7.68 Battery
	IES-BATT-7.68 Parallel cable
	IES-BATT-7.68 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 is below 0°C or above 45°C.

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