

# LOW VOLTAGE STORAGE

## IES BATT 7.68



**More Usable Energy**  
Deep cycle DOD control



**Easy Installation**  
Floor standing or wall mounted



**Scalable Design**  
Up to 15 units in parallel



**Safe & Reliable**  
Premium Lithium Iron Phosphate  
(LFP) 6 000 Cycles



**Quick Commissioning**  
One button ON/OFF  
Automatic ID Assignment



**Perfect Compatibility**  
Compatible with Major  
PCS Brands

**INFINITE | ENERGY | STORAGE**

[www.ies.co.za](http://www.ies.co.za) | 021 773 0203 | [support@ies.co.za](mailto:support@ies.co.za) | 066 225 4717

Low Voltage Storage		IES-BATT-7.68
Cell Technology	LFP (LiFePO4)	
Battery Usable Energy [1]	7.68 kWh	
Nominal Voltage	51.2 V	
Operating Voltage	44.8 V - 56.8 V	
Max. Charge & 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	95 kg (209 lbs)	
Installation	Floor Standing or Wall Mounted	
Operating Temperature [2]	Charge: 0°C to 55°C (32°F to 131°F) Discharge: -20°C to 55°C (-4°F to 131°F)	
Environmental Humidity	≤95% RH (No Condensation)	
Protection Rating	IP20	
Cycle Life [3]	6 000 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	
STANDARD COMPLIANCE		
Compliance	UN38.3 / IEC62619 / IEC61000 (More Available Upon Request)	
COMPATIBLE PCS INVERTERS		
Brands	Deye, Sunsynk, Victron, Solplanet, Sunways, Lux Power and Solis	

[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.

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