

# LOW VOLTAGE STORAGE

## IES BATT 14.33



**More Usable Energy**  
Deep cycle DOD control



**Easy Installation**  
Floor stand or Wall mounted



**Flexible Investment**  
Up to 15 units per parallel



**Safe & Reliable**  
Premium Lithium Iron Phosphate  
(LFP) 8 000 cycles



**Quick Commissioning**  
One button ON/OFF,  
automatic ID assignment



**Perfect Compatibility**  
Compatible with Major  
PCS Brands

<b>Low Voltage Storage</b>		<b>IES-BATT-14.33</b>
Cell Technology	LFP (LiFePO4)	
Battery Usable Energy [1]	14.33 kWh	
Nominal Voltage	51.2 V	
Operating Voltage	44.8 V - 56.16 V	
Max. Charge & Discharge Current	280 A	
<b>COMMUNICATION</b>		
Display	SOC Status Indicator, LED Indicator	
Communication	CAN / RS485 / RS232 / Wi-Fi	
<b>GENERAL SPECIFICATION</b>		
Dimension (W*D*H)	700 × 250 × 758.5 mm   27.5 × 9.8 × 29.8 inch	
Weight	141kg (310.85 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)	
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	
<b>STANDARD COMPLIANCE</b>		
Compliance	UN38.3 / IEC62619 / IEC61000 (More Available Upon Request)	
<b>COMPATIBLE PCS INVERTERS</b>		
Brands	Deye, Sunsynk, Victron, 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.