

# LOW VOLTAGE STORAGE

## IES BATT 14.33



### 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) 8 000 Cycles



### Quick Commissioning

One button ON/OFF  
Automatic ID Assignment



### Perfect Compatibility

Compatible with Major  
PCS Brands

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| Low Voltage Storage             |  | IES-BATT-14.33 |
|---------------------------------|--|----------------|
| Cell Technology                 | LFP (LiFePO4)  |                |
| Battery Usable Energy [1]       | 14.33 kWh  |                |
| Nominal Voltage                 | 51.2 V   |                |
| Operating Voltage               | 44.8 V - 56.8 V  |                |
| Max. Charge & Discharge Current | 280 A  |                |
| COMMUNICATION                   |  |                |
| Display                         | SOC Status Indicator, LED Indicator  |                |
| Communication                   | CAN / RS485 / RS232 / Wi-Fi  |                |
| GENERAL SPECIFICATION           |  |                |
| Dimension (W*D*H)               | 700 × 250 × 758.5 mm   27.5 × 9.8 × 29.8 inch                                |                |
| Weight                          | 141 kg (310.85 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]                  | 8 000 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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