IES-BATT-14.33



[More Usable Energy]

100% Depth of Discharge

[Flexible Investment]

Up to 15 units in parallel

[Safe & Reliable]

Premium Lithium Iron Phosphate(LFP) 8000 cycles

[Easy Installation]

Floor Stand or Wall Mounted

[Quick Commissioning]

One Button ON/OFF Automatic ID Assignment [Perfect Compatibility]

Compatible with Major PCS Brands







DATASHEET

Model	IES-BATT-14.33	
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	600 A, 300 μs	

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

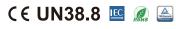
General Specification		
Dimension (W*D*H)	800×250×849 mm	
	31.5×9.8×33.4 inch	
Weight	130 kg (287 lbs)	
Installation	Floor stand or Wall mounted	
Operating temperature [2]	-20 to 60 °C (-4 to 140 °F)	
Environmental humidity	≤95%RH (No condensation)	
Protection rating	IP 20	
Cycle life [3]	8000 Cycles @ 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
Cel dificates	Battery pack: UN38.3 / IEC62619 / IEC61000 / UKCA (More available upon request)

Ordering and Deliverable Part		
	IES-BATT-14.33 Battery	
Part	IES-BATT-14.33 Parallel cable	
	IES-BATT-14.33 to PCS cable	

^[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.