

# COMMERCIAL - R RANGE

## IES BATT 215R



### Overview

Indoor battery rack with IP20 protection level, inbuilt lithium-ion battery and BMS



### Safe & Reliable

Self-developed 2-level / 3-level BMS, complex protection



### Easy Installation & Maintenance

Local and remote management, standard rack and module design, front maintenance



### Quick Commissioning

Long cycle life, 8000 cycles



### Cell Balancing Technology

Advanced cell balancing



### High Density

High capacity LFP battery

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High Voltage Range		IES-BATT-215R	
Battery Module (Wh/V)	14.336 kWh, 51.2 V, 110 kg (242.5 lbs)		
Number of Modules	15		
Cell Technology	LFP (LiFePO4)		
Battery Usable Energy [1]	215.04 kWh		
Nominal Voltage	768.0 V		
Operating Voltage	672 V - 842.4 V		
Nominal Output Current	140 A / 280 A		
COMMUNICATION			
Display	SOC Status Indicator, LED Indicator, LCD Display		
Communication	Ethernet / CAN / RS485		
GENERAL SPECIFICATION			
Dimension (W*D*H)	1721 x 840 x 1776 mm   67.8 x 33.1 x 69.9 inch		
Weight	1980 kg (4365 lbs)		
Operating Temperature [2]	-20°C to 60°C (-4°F to 140°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	Version 3: 10 in Parallel    Version 4: 30 in Parallel		
Application	On Grid / On Grid + Backup / Off Grid		
STANDARD COMPLIANCE			
Compliance	Cell: UN38.3 / IEC62619 / UL 1642 / JET    Pack: UN38.3 / IEC62619 / IEC61000		
COMPATIBLE PCS INVERTER BRANDS			
MegaRevo: MEGA/MPS 0030 & MEGA/MPS 0050 & MEGA/MPS 0100 & MEGA/MPS 0150 & MEGA/MPS 0250 & MEGA/MPS 0500			
Atess: PCS 500 & PCS 630 / 50kW: Sunsynk / Deye / 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 from -10°C to 5°C & 45°C to 55°C.

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

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