COMMERCIAL - R RANGE

IES BATT 200R

More Usable Energy
Indoor Battery Rack with IP20 Protection Level, Inbuild Lithium-ion Battery & BMS

Safe & Reliable
Self-developed 2-level / 3-level BMS, Complex Protection

Easy Installation & Maintenance
Local & Remote Management, Standard Rack & 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-200R
Battery Module (Wh/V)	14.336 kWh, 51.2 V, 110 kg (242.5 lbs)
Number of Modules	14
Cell Technology	LFP (LiFePO4)
Battery Usable Energy [1]	200.704 kWh
Nominal Voltage	716.8 V
Operating Voltage	672.2 V - 786.24 V
Nominal Output Current	140 A / 280 A

COMMUNICATION	
Display	SOC Status Indicator, LED Indicator, LCD Display
Communication	Ethernet / CAN / RS485

GENERAL SPECFICATION	
Dimension (W*D*H)	1721 x 840 x 1776 mm | 67.8 x 33.1 x 69.9 inch
Weight	1870 kg (4122 lbs)
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 or Ten (10) Years @ 80% DOD / 25℃ / 0.5C, 70% EOL
Scalability	**Version 3:** 14 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 50 & PCS 100 & PCS 250 & PCS 500 & PCS 630 / **50kW:** Sunsynk / Deye / Solis

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25℃.
[2] Charge/discharge derating occurs when the operating temperature from -10℃ to 5℃ & 45℃ to 55℃.
[3] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.

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