

COMMERCIAL - R RANGE

IES BATT 208R



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

INFINITE | ENERGY | STORAGE

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High Voltage Range		IES-BATT-208R	
Battery Module (Wh/V)	16.076 kWh, 51.2 V, 113.2 Kg (249.56 lbs)		
Number of Modules	13		
Cell Technology	LFP (LiFePO4)		
Battery Usable Energy [1]	208.998 kWh		
Nominal Voltage	665.6 V		
Operating Voltage	582.4 - 730.08 V		
Nominal Output Current	157 A / 314 A		
COMMUNICATION			
Display	LED Indicator, LCD Display		
Communication	Ethernet / CAN / RS485 / Wi-Fi / LAN		
GENERAL SPECIFICATION			
Dimension (W*D*H)	1142 × 840 × 2324 mm 44.9 × 33.1 × 91.5 inch		
Weight	1801 kg (3971 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 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 / 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 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.