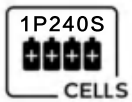


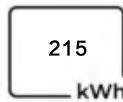
RAJA



LiFePO4 Cells



Low Voltage



Battery Capacity



Battery Cycles



Warranty

RAJA NEW ENERGY

100kW/215kWh Integrated Cabinet

Project

Specifications

System technical parameters

Battery type	Lithium iron phosphate battery
Battery capacity	280Ah
Configuration	1P2405
Rated energy	215kWh
Rated voltage	768V
Working voltage range	600Vdc~876Vdc
Maximum charging current	140A
Maximum discharging current	280A

AC section parameters

Rated AC power	100KW
Rated grid voltage	380V AC($\pm 5\%$)
Rated grid frequency	50/60HZ($\pm 5\%$)
System efficiency	> 90%
Overload capacity	1.1times(Long-term)

General parameters

Communication	CAN/RS485/Ethernet
EMS	Integrated
Cycle life	> 6000
Cooling method	Liquid cooling
weight	2.7T
Size	1300*1300*2100mm
Protection level	IP54/C5H anticorrosive
Working temperature	Charging0-55° C, Discharging-20-55° C
Application altitude	≤ 2000 m
Environmental humidity	0%~95%, No condensation
Floor area	8 m ²
Noise level	≤ 75 dB
Fire protection system	Aerosol automatic fire extinguishing system
Certification	UN38.3, MSDS, IEC62619, IEC62477-1, IEC62109, IEC61000-6-1, IEC61000-6-3, ROHS, WEEE
Grid standard	England: G99; Germany: VDE-AR-N 4105; Spain: NTS 631,UNE 217001 relegation un 217002; RD647; RD413: RD1699; Italy: CEI 0-21; Hungary: MSZ EN 50438; IEC 62109; EU: EN 50549



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