

CUMULUS

ENERGY STORAGE BATTERY
STACKED

Flexible Capacity

Stackable Structure
Modular Design
Plug-and-Play Expansion
Lightweight for Home-Friendly Installation

Long-Life Reliability

LFP Battery Technology
Grade A Cells Ensure 6000+ Cycles Life
Perfluoro-2-methyl-3-pentanone fire suppression system
Multiple Reliability Certifications

Industrial-grade Intelligent Safety

Efficient smart energy management system
Remote monitoring and intelligent scheduling
IP65 protection rating
Perfluoro-2-methyl-3-pentanone fire suppression system



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CUMULUS

Model	JCL16
Battery Type	LFP
Rated Capacity	314Ah
Nominal Voltage	51.2V
Rated Energy	16.07kWh
Available Energy	16.07kWh
Minimum Voltage	44.8V
Maximum Voltage	57.6V
Rated Charge/Discharge Current	150A
Rated DC Power	7680W
Max. Charge/Discharge Current	200A
Max. Charge/Discharge Power	10240W
Recommended Charge/Discharge C Rate	0.5C
Depth Of Discharge(DOD)	100%
Product Weight	120kg
Product Dimensions (W*H*D) mm	890*265*430±3mm
Protection Rating	IP65
Protocol	CAN, RS485
Design Life	10years
Cycle Life	6000
Case Material	SPCC
Operating Temperature/Discharge Temperature	1-55°C/-20~55°C
Cooling Mode	Natural Cooling
Fire Protection System	Perfluoro-2-methyl-3-pentanone
Country of Manufacture	China

Notes

Optimal operating temperature range: 10~35°C; charging temperature range: 0~55°C; discharging temperature range: -20~55°C
Test condition: Based on the production date above, discharge current is 150A at 25°C ± 5°C with 100% DOD.
Battery module weight includes upper cover and is net weight, allowable tolerance ± 3%.
Energy storage system installation affects product quality and operational safety.
Please follow user manual for proper installation, use, and maintenance.
Battery modules capable of high-rate operation can be shipped with base trays.
Quantity matches system/device requirements.