

RACK-MOUNTED ENERGY STORAGE SYSTEM



- High-quality a grade lithium battery cells.
- Optimal Electricity cost.
- Compatible with Tier 1 inverter brands.
- Excellent R&D after sales team.

www.ewayenergy.com



Compact Size
Minimum the footprint

10+ years
Technical Proven

Secured by self-developed cells, modules and BMS

Be Expandable
for Demand

High current strike
endurance

Superior Low Failure Rate

Remote upgrade
feature

10 Years Warranty



Lithium Battery

Rack-Mounted Series(LV)



Specification

MODEL	UNIV5200	
BATTERY PARAMETERS		
Total Energy (kWh)	5.22	
Useable Energy (kWh)	4.91	
Nominal Voltage (Vd.c)	51.2	
Voltage Range (Vd.c)	44.8 ~ 57.6	
Rated Capacity (Ah)	102	
Recommend Current (A)	Charge	50
	Discharge	50
Peak Charge Current (A)	100	
Peak Discharge Current (A)	101 ~ 110A @ 1 hour	
	111 ~ 250 @ 10 sec	
Efficiency	≥95%	
Depth of Discharge (DOD)	90%	
Scalability	Max 16 in Parallel	
Dimension (W *H* D)(mm)	442*135*480	
Weight (KG)	43	
BMS Features	Over-voltage & Over-current Protection/Short-circuit Protection Low-voltage Protection/Over Temperature Protection/Cell Balance	
Communication	CAN/RS485	
OPERATING CONDITION		
Operation Temperature	Charge	0°C ~ 55°C (32°F ~ 131°F)
	Discharge	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Temperature	15°C ~ 35°C (59°F ~ 95°F)	
IP Rating	IP20	
Installation Type	Rack	
Cooling Type	Natural	
Operating Environment	Indoor (5% ~ 95%(RH) No Condensing)	
Altitude	≤4000 m	
CERTIFICATION AND SAFETY		
Warranty	10 Years	
Operation Life	15+ Years (25°C/77 °F)	
Cycle Life	≥8000@25°C, 80%DOD	
Certification	CE/Cell UL 1973	
Transportation Certification	UN38.3/MSDS	

The recommended and max. continuous operation current is for a battery cell temperature within 10-40°C to consider, out of such temp. range will cause a derating on operation current.