


Lithium Battery LiFePO4 Prismatic Cell Rack-Mounted Series

IMAGE	SPECIFICATION		
	MODEL NO.	UNIV-4.8kWh/LV (R)	UNIV5200
	Total Energy	4.89kWh	5.22kWh
	Useable Energy	4.6kWh	4.9kWh
	Nominal Voltage (Vd.c.)	48Vd.c	51.2Vd.c
	Voltage Range (Vd.c.)	42-54Vd.c	44.8-57.6Vd.c
	Rated Capacity (Ah)	102Ah	102Ah
	Nominal Charge/Discharge Current (A)	50A	50A
	Peak Charge Current	100A	100A
	Peak Discharge Current	101-110A@60 min	101-110A@60 min
		111-250A@10s	111-250A@10s
	Weight(KG)	40kg	41kg
	Dimension (W x H x D)(mm)	442*135*420mm	442*150*480mm
	Operation Temperature Discharge	-20°C to +60°C	
	Operation Temperature Charge	0°C to +50°C	
	IP Rating	IP20	
	Depth of Discharge (DOD)	90%	
	Cooling Type	Natural	
	Communication	CAN,RS485	
	Warranty	10 Years	
	Operation Life	15+ Years (25°C/77T)	
	Cycle Life	≥8000@25°C, 80%DOD	
Battery Protection	Over-voltage/Over-current/Short-circuit/Soft-Start/Low-voltage/Temperature/Cell Balance		
Product Certificate	CE/Cell UL 1973		
Transportation Certificate	UN38.3		

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.