

LiFePO4 Battery Energy Storage

2U-BSL200-NOVA



**IEC62619, IEC62040-1,
CE-EMC certificated**



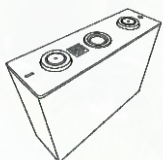
Stackable and Scalable



Touchscreen



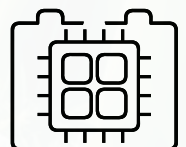
**Rechargeable
Li-ion Battery**



Max 15pcs in Parallel



Built in 200A BMS



Parameters	Data Sheet
Battery Module Model	2U-BSL200-NOVA
Battery Type	LiFePO4
Number of Cells in Battery	16S2P
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Energy(Wh)	10.24kWh
Discharging Cut-off Voltage	44.8V±0.2V
Charging Cut-off Voltage	57.6V±0.2V
Nominal Charging Current	50A(0.25C)
Max. Charging Current	80A / Peak 100A
Nominal Discharging Current	100A(0.5C)
Max. Discharging Current	120A / Peak 200A
Dimension(W*H*D)	690x590x160mm
Net Weight	Approximate 86KG
Max. Loaded Power	5kW(Single battery)
Communication	RS485 / CAN / RS232
Depth of Discharge	90%
Working Temperature	0°C~50°C Charge
	-10°C~50°C Discharge
Protection Class	IP2X
Certificates	CE-EMC / IEC62619 / IEC62040-1 / UN38.3 / MSDS
Warranty	10 Years
Cycles	≥6500 at 25°C

Parameters of multiple modules in parallel

Number of Modules	2	3	4	5
Parallel Voltage	51.2V	51.2V	51.2V	51.2V
Parallel Capacity	400Ah	600Ah	800Ah	1000Ah
Parallel Energy(kWh)	20.48kWh	30.72kWh	40.96kWh	51.2kWh
Parallel Max. Loaded Power	10kW	15kW	20kW	25kW
Parallel Dimension(W*H*D)	690x590x435mm	690x590x580mm	690x590x725mm	690x590x885mm
Parallel Net Weight	≤187KG	≤272KG	≤357KG	≤442KG