

FLB-5120 Series
Low Voltage Battery System
10.24~40.96kWh



Support 1C charge and discharge rate.




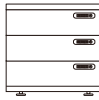



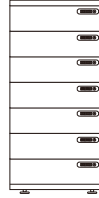
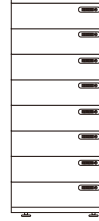
Flexible capacity options, 10.24kWh to 40.96kWh



Easy installation with modular and stacked design



Remote diagnosis and real-time data monitoring

Model	FLB-5120						
System Structure							
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System Parameters							
Number of battery	2	3	4	5	6	7	8
Battery capacity (kWh)	10.24	15.35	20.48	25.6	30.72	35.84	40.96
Usable energy (kWh)	9.22	13.82	18.43	23.04	27.65	32.26	36.86
Rated capacity (Ah)	100						
Rated voltage (V)	51.2						
Voltage range (V)	44.8~57.6						
Max. charging and discharging Rate	1C						
Max. charging and discharging current	100A						
Cycle times	≥6,000 cycles at 80% DOD, with ≥80% capacity retention (EOL).						
Communication	RS485/CAN 2.0						
Protection function	Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit						
Dimension [WxDxH, mm]	620*365*406mm	620*365*545mm	620*365*684mm	620*365*823mm	620*365*962mm	620*365*1101	620*365*1240mm
Weight (kg)	101	148	195	241	288	335	381
Working Conditions							
Installation	Indoor						
Operating temperature	0°C~50°C (Charge) / -10°C~50°C (Discharge)						
Optimum working temperature	20°C~30°C						
Storage temperature	-15°C~60°C						
Humidity	5%-95%						
Cooling strategy	Natural						
Enclosure protection rating	IP20						
Altitude	≤3000m						
Certificate	CE, UN38.3						