

## 6.1 Battery module specifications

Models	EV-5.12N	EV-10.24N
Total Energy	5.12KWH	10.24KWH
Capacity	100Ah	200Ah
Nominal Voltage	51.2V	51.2V
Voltage Range	48-57.6V	48-57.6V
MAX. Charge & Discharge Current	60A	100A
Peak Charge & Discharge Current(for10sec.)	100A	120A
Scalable	1~16 in parallel	
Communication	CAN,RS485	
Enclosure Protection Rating	IP21	
Charging Temp Range	0~55°C	
Discharging Temp Range	-10~55°C	
Cycle Life	≥ 8,000 Cycle@ 80% DOD / 25°C / 0.5C, 60%EOL	
Warranty	10 years	
Certification	IEC62619,UN38.3,CE	
Net Weight(KG)	44KG	86KG
Product Dimension(MM)	660×430×185MM	830×610×185MM