Residential ESS BL051100-A1/BL051200-A1

Model	BL051100-A1	BL051200-A1
Nominal Voltage	51.2V	51.2V
Operating Voltage Range	44.8V～57.6V	44.8V～57.6V
Max Current	50A	100A
Rated DC Power	2.5kW	5.1kW
Usable Battery Energy	5.12kWh	10.24kWh
DOD	100%	100%
Weight	≈59kg	≈119kg
Dimensions（WDH）	490x150x680mm	640x181x1017mm
Max. Number of Parallel	Up to 81.92kWh	Up to 81.92kWh
Operating Temperature	Charging：0℃~55℃ DisCharge：-20℃～55℃	Charging：0℃~55℃ DisCharge：-20℃～55℃
Storage Temperature	-20°C ~ 50 °C	-20°C ~ 50 °C
Working Humidity	5~95%RH	5~95%RH
IP Rating	IP65	IP65
Calendar Life	10 Years	10 Years
EOL	70%	70%
Communication	CAN	CAN

Certification：

IEC62040, IEC62619

IEC61000, UN38.3