

BESS

D A T A S H E E T



Interactive
Large Display



Max. Charge/Discharge
Rating Up to 1C



Higher
Performance



Extendable Up to
64 Units



Battery Data	
Nominal voltage (V)	51.2 V
Rated Capacity	100 Ah
Nominal Energy	5120 Wh
Cell Chemistry	LFP
Voltage Range	42-58 V
Rated Charging Current	50 A / 0.5 C
Max Charging Current	100 A / 1 C**
Rated Discharging Current	50 A / 0.5 C
Max. Discharging Current	100 A / 1 C**
Operating Temperature	-0-50 °C
Depth of Discharge	90%
Recommended Soc	10% - 90%
Communication Interface	CAN / RS485
Life Cycle	3000 Cycle
Efficiency	≥94%
Ingress Protection	IP20
Display	LCD Type
Dimensions	540 x 150 x 510 mm*
Weight	52 Kg

Specifications are subject to change without prior notice due to constant improvement in design and technology.

** Max. charge/ discharge current can be used continuously for 5 minutes only. Life cycle and performance of the product can be affected if use continuously at max. charge/discharge rating. * Approx.