



Technical parameters

Model	Gigabox 5S
Product description	Rechargeable Li-ion
System parameter	51.2V/100Ah
Total Energy	5.12 kWh
DOD	90%
Charge mode	CC-CV/CP
Rated charging current	50A
Peak charging current	100A (30s)
Discharge mode	CC/CP
Rated discharge current	50A
Peak charging current	100A (30s)
Round-Trip Efficiency	>95%
Nominal Voltage	51.2 V
Operating Voltage Range	40~58.4 V
Communication	CAN/RS485
Cycle life	6000, (@0.25C, 25°C, DOD80%)
Designed life	10+ years
Warranty	5 Years
Charging Temperature Range	0 C~+50 C
Discharge Temperature Range	0 C~+50 C
Scalability	Max 15 systems in Parallel
Application	On Grid (Self consumption / On Grid + Backup) and Off Grid
Weight	50±0.5KG