

GBL5.8K3



**Emergency
Power Back-up**



**Flexible
Installation**



**Cost-
effective**



Scalable



**Peak Load
Shifting**

TECHNICAL PARAMETERS

Model	GBL5.8K3(LFP)
Total energy (kWh)	5.8kWh
Usable energy (kWh)	5.3kWh
Nominal charge/discharge power	2.75 kW
Peak power(Only discharge)	7kW for 5 seconds
Constant current(Only discharge)	100A
Maximum charge power	2.75kW
Maximum discharge power	2.75kW
Maximum charge current	57A
Maximum discharge current	57A
Fault current	Charge 100A >3s, Discharge 135A >3s
Voltage	42~54Vd.c
Nominal voltage	48Vd.c
Nominal current	57A
Max.charge voltage	54Vd.c
Weight (kg)	70kg
Dimensions (W*H*D) (mm)	650*480*256mm
Max. recommended DOD	90%
Operating condition	Indoor or outdoor
Operating temperature	From-10~50℃
Humidity	4~100% (No condensed water)
Pollution degree	3
Over voltage category	II
Cooling type	Natural cooling
Installation	Free standing/Wall mounting
IP rating	IP 65
Protective class	I
Max.number of parallel connection	4
Warranty	10 Years Battery Warranty
Design Life	>15 years
Communication	CAN/RS485