

LBB051100A



Product Series	
Model Number(s)	LBB051100A
Battery Chemistry	Li-ion(LFP)
Battery Box Configuration	1P16S
Voltage Range [VDC]	44.8~57.6
Maximum Voltage [VDC]	57.6
Normal Voltage [VDC]	51.2
Nominal Battery Capacity [kWh]	5.12
Usable Battery Capacity [kWh]	5.0
Maximum Charge Current	50 A
Maximum Discharge Current	70 A
Depth of Discharge	90%(10%~100%)
Short Circuit Current	1444 A (1.12 ms)
Installation	Indoor only using a cabinet
Internal DC Isolation Device	NA
BMS	Integrated
Construction	
Installation Type	Stationary
Level of Protection (IP)	IP65
Material of Box	Q235
Thickness of Box	1.2mm
Cooling Type	Natural cooling
Altitude [m]	≤2000
Size (W*D*H) [mm]	460*500*200
Weight [kg]	~52

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Product Feature:

- With modular structure, which can be flexibly composed of a variety of voltage platform, a variety of capacity level system, and easy maintenance.
- The design of battery management system provides the highest reliability.
- Using Lithium iron phosphate battery, which has high safety performance, long cycle life, with service life of more than 10 years.
- Small size, light weight, easy to carry, which can be quickly applied to various scenarios.



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