

Technical Data		Specification
Battery Enclosure	Battery Type	LiFePO4
	Battery Pack	L051100-A
	Nominal Battery Energy (kWh)	5.12 kWh
	Nominal Voltage (V)	51.2 V
	Working Voltage Range (V)	48-57.6 V
	Nominal Current (A) (Recommended)	50 A (0.5 C)
Battery Cell Specification	Cell	CATL LiFePO4 100Ah
	Nominal Voltage (V)	3.2 V
	Standard	UL1642, IEC62619, IEC62133, UL1973, UN38.3, GBT31485
Cable Specification	Battery Cable Rating	100 A
	Cable Size (mm ²)	25
General Data	Dimension [W*D*H] (mm)	530*440*132
	Weight (kg)	Approx. 50 kg
	Working Temp. Range	Charging 0 ~ 55°C; Discharging -20°C ~ 55°C
	Humidity	0~95% RH (non-condensing)
	Protection Level	IP20
	Communication	CAN/RS485/RS232/Dry Contact
	Certificate (L051100-A battery packs inside)	TUV/IEC 62619/CE-IEC 61000 IEC 62040/UN38.3
	Calendar Life	6000 cycles, 10 Years ¹

¹ Working Condition 0.5C @ 25°C, 80% DoD, 1 cycle per day, 30% capacity fading



The cabinet holds up to 4 packs