

Technical Data		Specification
Battery Enclosure	Battery Type	LiFePO4
	Number of Battery Units	2 sets of L051100-A packs
	Nominal Battery Energy (kWh)	10.24 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)	640*164*1000
	Weight (kg)	Approx. 115 kg
	Mounting	Wall, rear fixing
	Working Temp. Range	Charging 0 ~ 55°C; Discharging -20°C ~ 55°C
	Humidity	0~95% RH (non-condensing)
	Protection Level	IP54
	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

