

Residential Energy Storage System

Rack-mounted Residential ESS Battery YT-B5120ML2-AF



Features



CTP innovative module design,
high cost-performance



10-minute hardware installation



Compatible with rack/cabinet deployment,
easy to install and maintain

*The product diagram is for reference only!



Technical Parameters

Model	YT-B5120ML2-AF
Rated Energy [kWh]	5.12
Nominal capacity[Ah]	100
BatteryType	LFP (LiFePO ₄)
Pack Method	16S1P
Nominal Voltage [V]	51.2
Operating Voltage Range [V]	43.2~58.4
Charge Current[A]	Standard:50 Max:100
Discharge Current[A]	Standard:50 Max:100
Communication Mode	CAN/RS485/RS232
Weight [kg]	44±1
Dimensions [W*D*Hmm]	440*555*135
Operating Temperature Range [°C]	Charge: 0 ~ +55 / Discharge: -20 ~ +60
Storage Temperature[°C]	-20 ~+45°C (≤30day,20~40% SOC)
Max. Operating Altitude [m]	2000
Ingress Protection Rating	IP20
Mounting Method	Stackable
Certification	UN38.3

■ Product continues to iterate, specifications may be updated without prior notice.

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