

Leader
Of BoT

Residential ESS

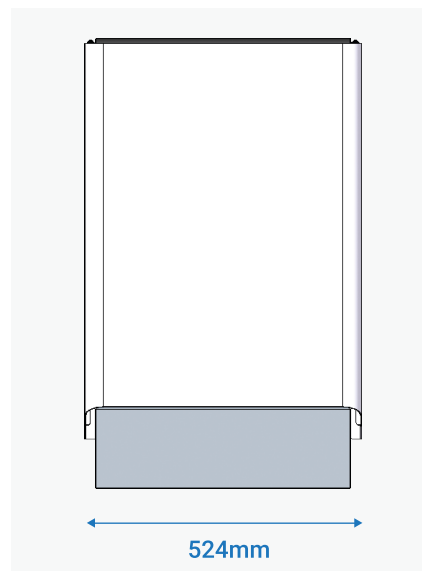
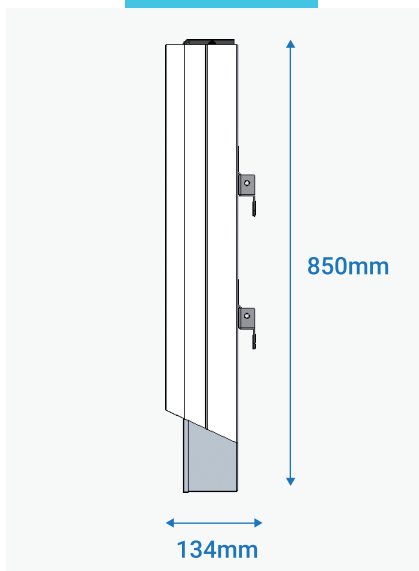
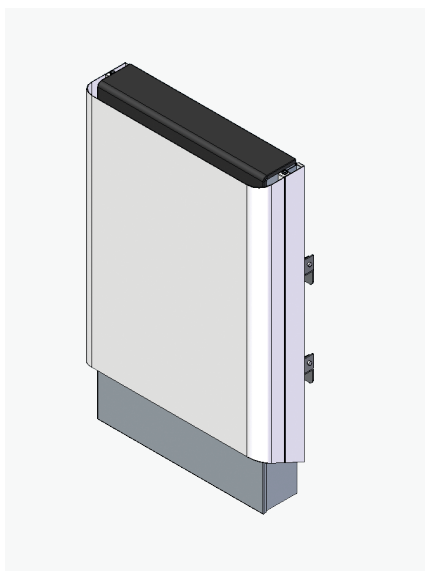


Residential ESS SLB48-41J-140

Technical Specification

Item	Specification
Cell	Li-ion NCM / SAMSUNG SDI
Nominal Voltage	51.8V
Nominal Capacity	140Ah
Usable Energy	7,252Wh
Max. Charging Voltage	56.7V
Charging Method	CC-CV
Discharging End Voltage	42V
Continuous Cha/Discharge Current	70A
Max. Cha/Discharge Current	100A
Cycle life (@25±5°C)	> 6,000 Cycle
Roundtrip Efficiency	> 96%
Certification	IEC62619





Environmental Specification

Item		Specification
Operation Temperature	Charge	0 ~ 45℃
	Discharge	-20 ~ 60℃
Storage Temperature	1year	0 ~ 25℃
	3months	0 ~ 45℃
	1months	0 ~ 55℃
Environment		Indoor and outdoor rated
Pollution Degree Rating		PD3
Ingress Rating		IP56
Operating Humidity		5% to 95%
Weight		About 65kg
Dimension		(W)524 X (D)134 X (H)850 mm
BMS	Protection	OVP / UVP / VIP / OTP / UTP / TIP / OCP
	Communication	RS-485/CAN2.0A

