

51.2V

Rack storage lithium battery series



48V

Rack storage lithium battery series



Product features

- Large single capacity: Standalone tower for high consumption.
- Sturdy design: Low center of gravity, anti-toppling.
- Plug-and-play: No installation required.

Model	YY51100LR	YY51200LR	YY51280LR	YY51300LR	YY51320LR
Total Energy(kWh)	5.12Kwh	10.24Kwh	14.336KWh	15.36KWh	16.384KWh
Capacity(Ah)	100Ah	200Ah	280Ah	300Ah	320Ah
NominalVoltage(V)	51.2V	51.2V	51.2V	51.2V	51.2V
Float Voltage(V)	58.4V	58.4V	58.4V	58.4V	58.4V
Equalization Voltage(V)	56V	56V	56V	56V	56V
Discharge CuttingVoltage(V)	44.8V	44.8V	44.8V	44.8V	44.8V
Max.Charge & Discharge Current(A)	100A	200A	200A	200A	200A
Max.C Rating	1C	1C	0.7C	0.65C	0.6C
Dimension(mm)	470*450*177	560*482*245	750*440*245	750*440*245	830*500*250
Net Weight(kg)	44kg	88.1kg	114kg	118kg	125kg
Max. Scalable	15 in parallel				
Communication Ports	CAN/RS485/RS232				
Communicated inverter	“Goodwe/Victron/Sofar/Deye/Voltronic/Pylon /Luxpower Afore/Must/ SakoSorotec/Sma/Solis/Phocos /Kstar/Mpp Solar/Growatt/Megarevo/Srne”				
Charging Temp Range(°C)	0~55°C				
Discharging Temp Range(°C)	-10~55°C				
Cycle Lifes	>6000 cycles@80%DOD/0.5C/25°C				
Warranty	5 years				
Certifications	CE,UN38.3,MSDS				
Function	WIFI、Display screen				

Product features

- Space-saving: Mounts directly on walls, ideal for compact homes.
- Aesthetic integration: Sleek design blends with home decor.
- Flexible installation: Indoor/outdoor options with no extra brackets.

Model	YY48100LR	YY48200LR	YY48280LR	YY48300LR	YY48320LR
Total Energy(kWh)	4.8KWh	9.6Kwh	13.44KWh	14.6KWh	15.36Kwh
Capacity(Ah)	100Ah	200Ah	280Ah	300Ah	320Ah
NominalVoltage(V)	48V	48V	48V	48V	48V
Float Voltage(V)	54.75V	54.75V	54.75V	54.75V	54.75V
Equalization Voltage(V)	52.5V	52.5V	52.5V	52.5V	52.5V
Discharge CuttingVoltage(V)	42V	42V	42V	42V	42V
Max.Charge & Discharge Current(A)	100A	200A	200A	200A	200A
Max.C Rating	1C	1C	0.7C	0.65C	0.6C
Dimension(mm)	470*450*177	560*482*245	750*440*245	750*440*245	830*500*250
Net Weight(kg)	41.5kg	84.9kg	109kg	112kg	118kg
Max. Scalable	15 in parallel				
Communication Ports	CAN/RS485/RS232				
Communicated inverter	“Goodwe/Victron/Sofar/Deye/Voltronic/Pylon /Luxpower Afore/Must/ SakoSorotec/Sma/Solis/Phocos /Kstar/Mpp Solar/Growatt/Megarevo/Srne”				
Charging Temp Range(°C)	0~55°C				
Discharging Temp Range(°C)	-10~55°C				
Cycle Lifes	≥6000 cycles@80%DOD/0.5C/25°C				
Warranty	5 years				
Certifications	CE,UN38.3,MSDS				
Function	WIFI、Display screen				