



Vertical low voltage stack battery series



Product Highlights

Perfect Compatibility

Compatible to most inverter brands on the market.

Fast Installation

Plug & Play battery interface.

Safety

BMS & Breaker modular level protection.

Compact Design

Small footprint/640*205mm.

Flexible Investment

Up to 20kWh per system and supporting up to 5 pcs parallel configuration.

Long Life

6000 cycles long working lifespan.

MODEL	TG-SS-51LVP1	TG-SS-51LVP2	TG-SS-51LVP3	TG-SS-51LVP4
Rate voltage(Vdc)	51.2			
Energy storage(KWH)	5.12	10.24	15.36	20.48
Cycle life	25±2°C, 0.5C/0.5C, EOL70%≥6000			
Max. charge current(A)	100A			200A
Max. discharge current(A)	100A			200A
Discharge cut-off voltage (VDC)	43.2			
Charge cut-off voltage (VDC)	57.6			
Charge temperature	0°C~50°C@60 ± 25% Relative Humidity			
Discharge temperature	-20°C~50°C@60 ± 25% Relative Humidity			
Storage temperature	-20°C~50°C@60 ± 25% Relative Humidity			
IP class	IP65			
Case type	Stand Stack			
Product dimension L*W*H(mm)	640*205*555	640*205*897	640*205*1239	640*205*1581
Package dimension L*W*H(mm)	760*335*450*1 705*395*240*1	760*335*450*2 705*395*240*1	760*335*450*3 705*395*240*1	760*335*450*4 705*395*240*1
Net weight(kg)	14+48*1	14+48*2	14+48*3	14+48*4
Gross weight(kg)	21+53*1	21+53*2	21+53*3	21+53*4
Protocol(Optional)	CAN/RS485/RS232			
Certificates	UN38.3, MSDS, CE-EMC, IEC62619, 63056			

