TG-HB-BOX SERIES

Perfect Compatibility
Compatible to most
inverter brands on the market

Safety
BMS & Breaker modular
level protection

Compact Design
Small footprint/
640*205mm

Fast Installation
Plug & Play battery interface/
Plug in modular design

Flexible Investment
Upto 20kWH per system and supporting
up to 5 pcs parallel configuration

Long Life
6000 cycles
long working lifespan

PERFORMANCE SPECIFICATIONS

MODEL	TG-SS-51LVP2	TG-SS-51LVP3	TG-SS-51LVP4
ELECTRICAL CHARACTERISTICS			
Rate voltage(Vdc)	51.2V		
Energy storage(KWH)	10.24 (KWH)	15.36 (KWH)	20.48 (KWH)
Cycle life	6000 cycles @80% DOD, 0.5C		
Months self discharge	≤2%		
CHARGE/DISCHARGE STANDARD			
Charge voltage(V)	56V		
Max. charge current(A)	100A		
Max. discharge current(A)	100A		
Discharge cut-off voltage(VDC)	43.2V		
Charge cut-off voltage(VDC)	58.4V		
ENVIORNMENT			
Charge temperature	0°C to 55°C@60±25% Relative Humidity		
Discharge temperature	-20°C to 55°C@60±25% Relative Humidity		
Storage temperature	-20°C to 55°C@60±25% Relative Humidity		
MECHANICAL			
IP class	IP65		
Case type	Stand Stack		
Pack dimension L*W*H(mm)	640*205*897mm	640*205*1239mm	640*205*1581mm
Package dimension L*W*H(mm)	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*2	14+48*3	14+48*4
Gross weight(kg)	21+53*2	21+53*3	21+53*4
COMMUNICATION			
Protocol(Optional)	CANBus/RS485/RS232		
Monitoring	Bluetooth/WLAN Optional		
CERTIFICATES			
Cell	UN38.3, MSDS		
Pack	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054		