MOBILE BATTERY

Perfect Compatibility
Compatible to most inverter brands on the market

Long Life
10000 cycles long working lifespan

Premium Cell
Tier one new Grade A only

Safety
BMS & Breaker two level protection

Fast Installation
Plug & Play battery interface

Compact Design
Mobile type with small footprint

PERFORMANCE SPECIFICATIONS

MODEL	TG-TH-51100-M	TG-TH-51205-M	TG-TH-51280-M
Electrical Characteristics			
Rate voltage(Vdc)	51.2		
Cell combination(S1P)	16		
Rate capacity(AH)	100	205	280
Energy storage(KWH)	5.12	10.5	14.3
Cycle life	6000 cycles @80% DOD, 0.5C		
Charge/Discharge Standard			
Charge voltage(V)	56		
Max. charge current(A)	100 (Optional 150/200A for 205/280AH pack)		
Max. discharge current(A)	100 (Optional 150/200A for 205/280AH pack)		
Discharge cut-off voltage(VDC)	43.2		
Charge cut-off voltage(VDC)	58.4		
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	IP20		
Material system	LiFePO4		
Case material	Metal		
Case type	Mobile Power		
Pack dimension L*W*H(mm)	612*370*190mm	622*520*221mm	766*520*221mm
Package dimension L*W*H(mm)	712*535*298mm	722*695*328mm	866*695*328mm
Net weight(kg)	55	92	125
Gross weight(kg)	60	112	150
Communication			
Protocol(Optional)	CAN/RS485/RS232		
Monitoring	Bluetooth/WLAN Optional		
Certificates			
Pack	UN38.3, MSDS		
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054		