



MTMB SERIES

Low Voltage Mobile Lithium LiFePO₄ Battery Pack



Perfect Compatibility

Compatible to most inverter brands on the market



Premium Cell

Tier one new Grade A only



Fast Installation

Plug & Play battery interface



Compact Design

Mobile type with small footprint



Safety

BMS & Breaker modular level protection



Long Life

10000 cycles long working lifespan

LOW VOLTAGE MOBILE LITHIUM LIFEPO4 BATTERY PACK



MODEL	MTMB-51100	MTMB-51205	MTMB-51280	MTMB-51304	MTMB-51314
Electrical Characteristics					
Rate voltage(Vdc)	51.2				
Cell combination	16				
Rate capacity(AH)	100	205	280	304	314
Energy storage(KWH)	5.12	10.5	14.3	15.56	16.08
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/304AH/314AH pack)				
Max. discharge current(A)	100 (Optional 150/200A for 205/280AH/304AH/314AH 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*190	622*520*227	766*520*221	766*614*221	766*614*221
Package dimension L*W*H(mm)	712*535*298	722*695*328	866*695*328	866*695*328	866*695*328
Net weight(kg)	55	92	122	122	122
Gross weight(kg)	60	112	145	145	145
Communication					
Protocol(Optional)	Canbus/RS485/RS232				
Monitoring	Bluetooth/WLAN Optional				
Certificates					
Pack	UN38.3, MSDS				
Cell	UN38.3, MSDS, IEC62619, CE, UL1973				