



MobileArk

Mobile 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

MOBILE LIFEPO4 BATTERY PACK



MODEL	MobileArk-51100	MobileArk-51205	MobileArk-51280
Electrical Characteristics			
Rate voltage(Vdc)	51.2		
Cell combination	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*190	622*520*221	780*500*240
Package dimension L*W*H(mm)	712*535*298	722*695*328	866*695*328
Net weight(kg)	55	92	115
Gross weight(kg)	60	112	126
Communication			
Protocol(Optional)	Canbus/RS485/RS232		
Monitoring	Bluetooth/WLAN Optional		
Certificates			
Pack	UN38.3, MSDS		
Cell	UN38.3, MSDS, IEC62619, CE, UL1973		