



StackArk

Stackable LiFePO4 Battery Pack



Perfect Compatibility

Compatible to most inverter brands on the market



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



Safety

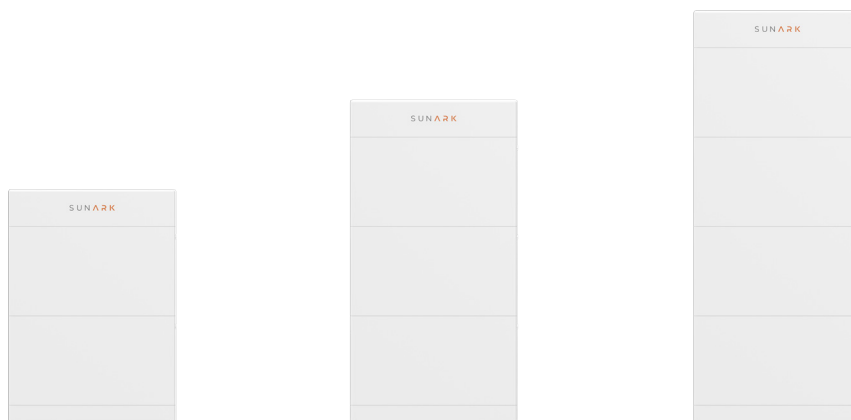
BMS & Breaker modular level
protection



Long Life

6000 cycles long working lifespan

STACKABLE LIFEPO4 BATTERY PACK



MODEL	StackArk-51LVP2	StackArk-51LVP3	StackArk-51LVP4
Electrical Characteristics			
Rate voltage(Vdc)	51.2		
Energy storage(KWH)	10.24	15.36	20.48
Cycle life	6000 cycles @80% DOD, 0.5C		
Months self discharge	≤2%		
Charge/Discharge Standard			
Charge voltage(V)	56		
Max. charge current(A)	100		
Max. discharge current(A)	100		
Discharge cut-off voltage(VDC)	43.2		
Charge cut-off voltage(VDC)	58.4		
Environment			
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*897	640*205*1239	640*205*1581
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			
Pack	UN38.3, MSDS		
Cell	UN38.3, MSDS, IEC62619, CE, UL1973		
Others			
Pack	15S(48V) models also available		