



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 two Level protection



Long Life

6000 cycles long working lifespan



5.12kWh

MODEL		SAS-51280
Electrical Characteristics		
Rate voltage(Vdc)		51.2
Cell combination(S1P)		16
Rate capacity(AH)		280
Energy storage(KWH)		14.3
Cycle life		6000 cycles 80% DOD, 0.5C
Charge/Discharge Standard		
Charge voltage(V)		56
Max. charge current(A)		150/200A for 280AH pack
Max. discharge current(A)		150/200A for 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)		780*500*240
Package dimension L*W*H(mm)		866*695*328
Net weight(kg)		115
Gross weight(kg)		126
Communication		
Protocol(Optional)		Canbus/RS485/RS232
Monitoring		Bluetooth/WLAN Optional
Certificates		
Pack		UN38.3, MSDS
Cell		UN38.3, MSDS, IEC62619, CE, UL1973

Compatibility Inverters



*Only a part of inverter brands are shown, please contact us for more information.