



**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-TH-51100
<b>Electrical Characteristics</b>	
Rate voltage(Vdc)	51.2
Cell combination(S1P)	16
Rate capacity(AH)	100
Energy storage(KWH)	5.12
Cycle life	6000 cycles 80% DOD, 0.5C
<b>Charge/Discharge Standard</b>	
Charge voltage(V)	56
Max. charge current(A)	100A
Max. discharge current(A)	100A
Discharge cut-off voltage(VDC)	43.2
Charge cut-off voltage(VDC)	58.4
<b>Enviornment</b>	
Charge temperature	0°C ~ 50 °C@60 ± 25% Relative Humidity
Discharge temperature	-20°C ~ 50 °C@60 ± 25% Relative Humidity
Storage temperature	-20°C ~ 50 °C@60 ± 25% Relative Humidity
<b>Mechanical</b>	
IIP class	IP20
Material system	LiFePO4
Case material	Metal
Case type	Mobile Power
Product dimension L*W*H(mm)	612*370*190
Package dimension L*W*H(mm)	712*535*298
Net weight(kg)	55
Gross weight(kg)	60
<b>Communication</b>	
Protocol(Optional)	CAN/RS485/RS232
Monitoring	Bluetooth/WLAN Optional
<b>Certificates</b>	
Pack	UN38.3, MSDS
Cell	UN38.3, MSDS, IEC62619, CE, UL1973, UL2054

**Compatibility Inverters**



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