

# S4A BAT58 BATTERY SYSTEM



## FEATURES

- 90% DOD
- 99% Faradic charge efficiency
- Scalable, maximum 3 batteries connected in series
- Cycle life > 6000 times
- IP55 - Outdoor rated
- 10 Years warranty
- Full certification: UL 1642, UL1973, etc

## S4A-BAT58

Nominal Voltage [V]	115.2
Operating Voltage [V]	100-131
Battery Type	Li-ion (LFP)
Nominal Capacity [kWh]	5.8
Usable Capacity [kWh]	5.2
Battery Roundtrip Efficiency [%]	95
Standard Power [kW]	2.9
Max Power [kW]	4.0
Recommend Charge/Discharge Current [A]	25
Max Charge/Discharge Current [A]	35
Cycle Life [90% DOD]	>6000 Cycles
Warranty [Year]	10
Available Operating Temperature Range [°C]	0 to 55
Protection	IP55
System to Inverter	CAN2.0
Battery to Battery/BMS	RS485
Data Collection Port /FW UPDATE	CAN2.0
Safety	CE, RCM, TUV(IEC62619) UL1973,ROHS,REACH
UN Number	UN3840
Hazardous Materials Classification	Class 9
Transport Testing Requirement	UN38.3
Dimensions(LxWxH) [mm]	474*193*708 (T-BAT H 5.8) / 474*193*647 (HV11550)
Weight [kg]	72.2 (T-BAT H 5.8) / 68.5 (HV11550)