

# S4A-OUTDOOR CABINET

STANDARD  
CONFIGURATION:  
30 kW/80 kWh



30  
kW/80  
kWh

## INTRODUCTION

Solar4America Outdoor Cabinet, with standard configuration of 30 kW/80 kWh, is composed of battery cabinet and electrical cabinet. It can apply to demand regulation and peak shifting and C & I energy storage, etc. Split design concept allows flexible installation and maintenance, modular design concept is easy to integrate and extend. The battery cabinet matches various mainstream PCS.

## FEATURES

- High charge/discharge efficiency
- Advanced thermal management system
- LiFePO4 battery compatible with reliability and energy density
- Modular design, quick delivery
- Small footprint, flexible installation, easy maintenance, expansion to MW-level system

## APPLICATION



Small-Scale Renewable  
Energy Power  
Generation



User-Side Response

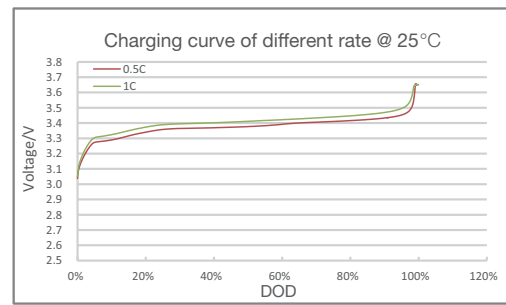
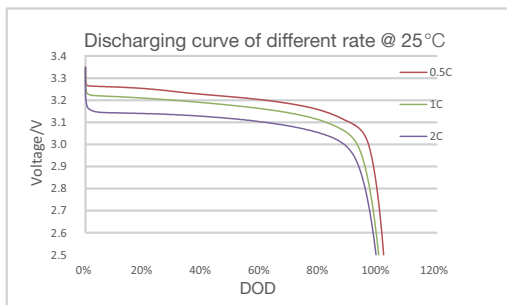
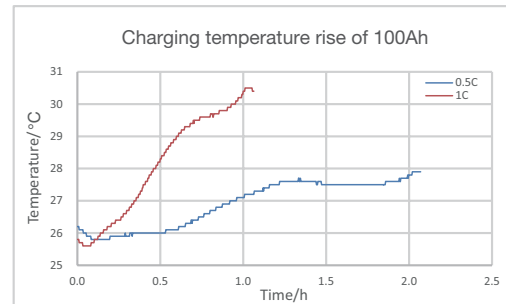
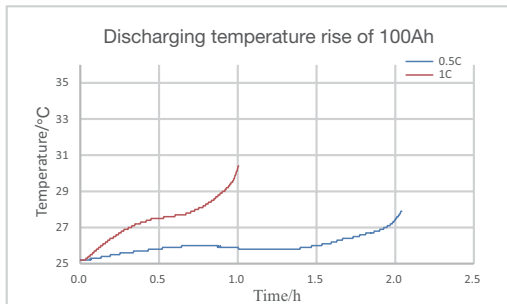
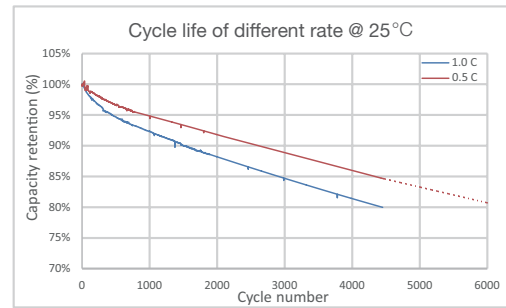
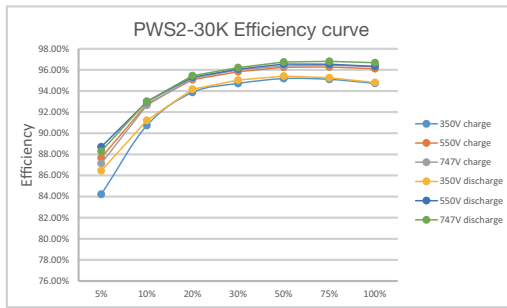


Integrated Energy  
Management for  
C&I Park

# S4A-OUTDOOR CABINET



## PERFORMANCE CURVES



## SPECIFICATIONS

Product Introduction	
Rated power	30 kW
AC Voltage	480 V
Frequency	60 Hz
Pack	2P16S (100 Ah)
Pack number	8
Dimensions (W*D*H)	2300mm×1000mm×1200mm
Protection level	IP55
DC Voltage Range	358.4V-460.8V
Capacity	81.92kWh (Max)
Integrated Controls	RS485/CAN/Ethernet
Compliance	UL9540,UL1973,UL1741,UN38.3
Battery chemistry	LFP
MAX Efficiency	88%
Ambient temperature	-30 °C to 50 °C
System topology	AC couple