

Outdoor Cabinet SCA-80kWh-30-II



INTRODUCTION

Sunwoda 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

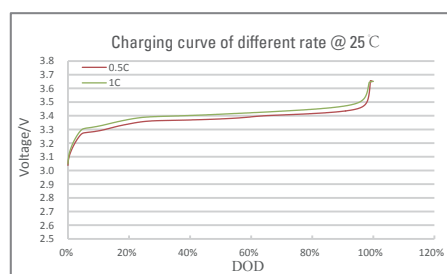
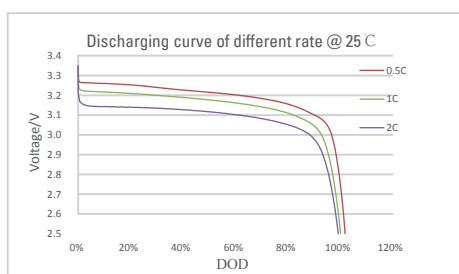
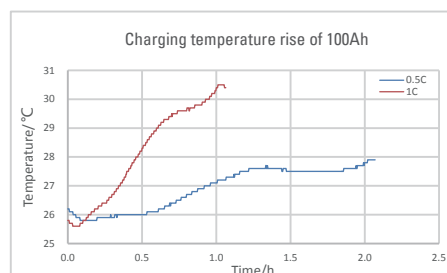
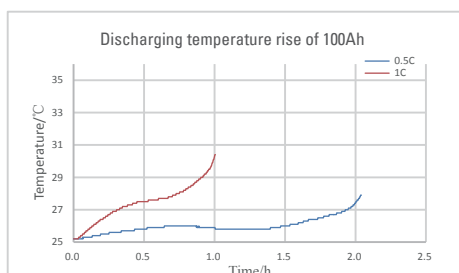
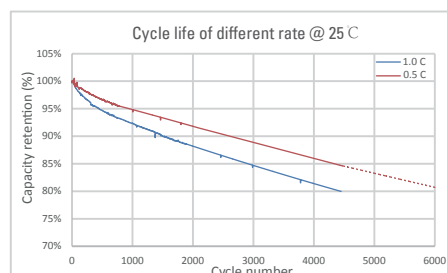
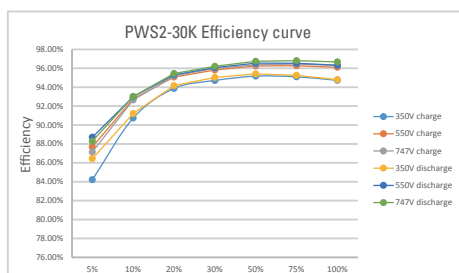


user-side response



integrated energy
management for C&I park

PERFORMANCE CURVES



SPECIFICATIONS

Product Introduction	
Rated power	30kW
AC voltage	480V
Frequency	60Hz
Pack	2P16S (200 Ah)
Pack number	8
Dimensions (H*W*D)	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