

# SOLARKING

## 15kW Battery Energy Storage System

- High Capacity & Compact Size
- Safe low voltage system
- Flexible expansion
- Built in battery management system
- High efficiency
- Easy installation
- Can & RS485 communication ready
- 100% depth of discharge
- Built in breaker switch
- >6000 cycles
- 3 Year Warranty

Battery Type	LiFePO4
Nominal Battery Energy	15.36kWh
Operating Voltage	42.0-58.4V
Nominal Voltage	51.2V
Nominal Capacity	300Ah
Rated Power	5.1kW
Peak Power	5.1kW
Recommended charge/discharge rate	0.5C
Recommended charge/discharge current	100A
Max sustainable charge and discharge ratio	1C
Max sustainable charge/discharge current	200A
Recommended depth of discharge (DOD)	90%
Weight	113kg
Dimensions	797x415x270mm
Charging Temperature Range	0+55°C
Discharging Temperature Range	-10+55°C
Communication	CAN/RS485
Cycle Life	>6000/5 Years
Protections Level	IP20
Expansion	Up to 50 Units
Installation Mode	Floor
Certifications	UN38.3, EMC, IEC62619

