

Magic 61kWh Outdoor energy storage all-in-one Cabinet



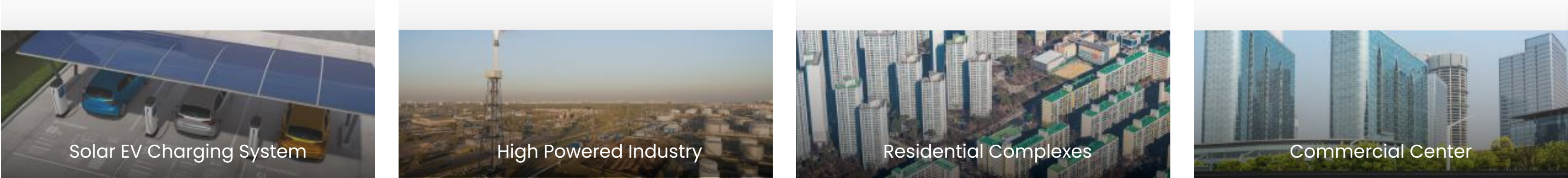
Product Introduction

Magic BOX61 features a modular design, combining lithium iron phosphate batteries, racks, BMS, PCS, air-conditioning, temperature control, fire detection, and automatic extinguishing. It boasts safety, reliability, rapid deployment, cost-efficiency, high energy efficiency, and intelligent management.

Product Features

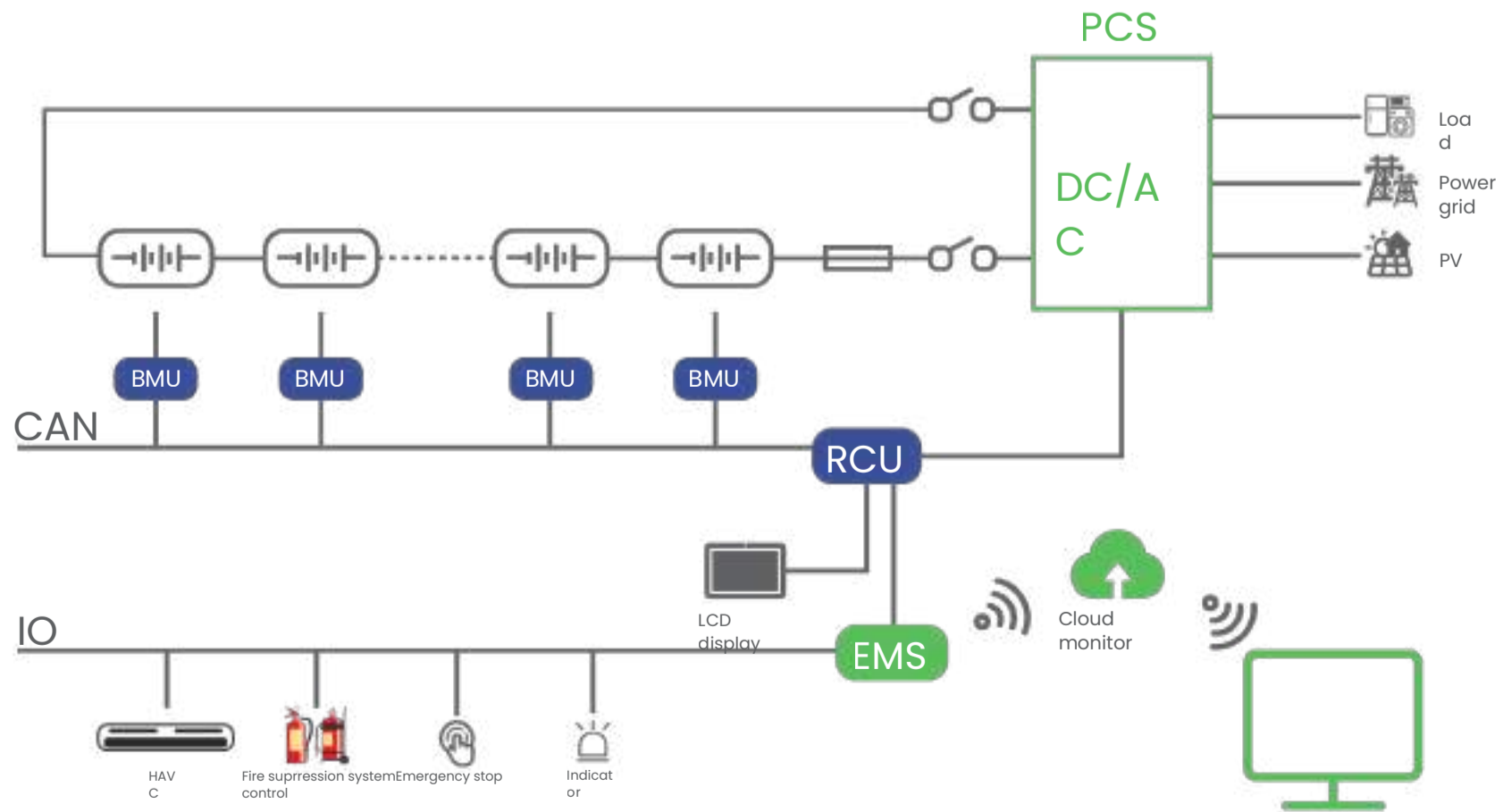
- Safe and Reliable
- Self-develop APP
- Longer Lifecycle
- Smart and Friendly Wifi Remote Monitoring
- Remote Monitoring
- Smart BMS High Power

Application Scenarios

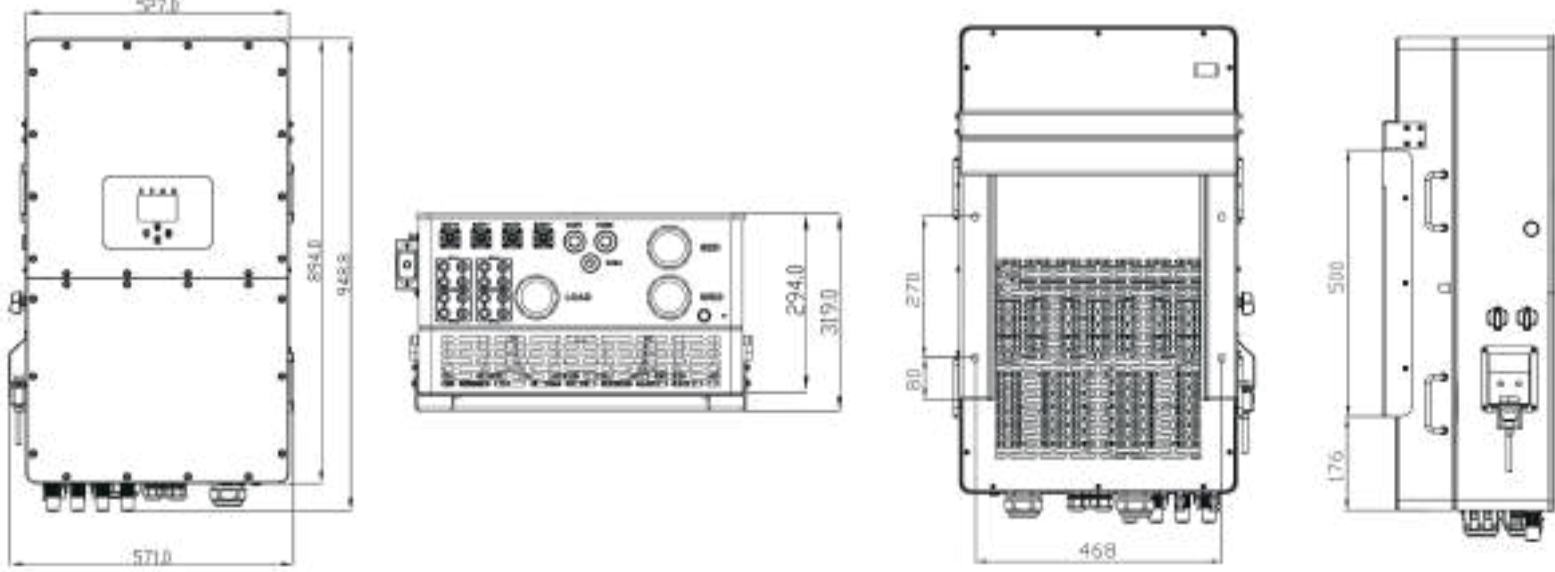


Specification

Model	Magic Box 61
Function Parameter	
Nominal Energy	61kWh
Nominal Voltage (Vdc)	614.4V
Nominal Capacity (Ah)	100Ah
Cell Type	LFP
Standard Charge Voltage	691.2V
Max Charge Current (A)	100A
Discharge Cut-off Voltage	556.8V
Max Discharge Current	100A
Maximum Working Altitude Working	2000m
Humidity Range	<95% (No Condensation)
Cooling Method	Air-Cooled
Cycle Life*	25±2°C/0.2C/80%≥6000
Range of Working Temperature	-20 ~ 50°C
Fire Fighting System	Aerosol
Certification	Cell:UL1642/IEC62619/CE/ROHS/MSDS/UN38.3
Dimension	1066mm*1174mm*1561mm
Weight	~780kG
System Configuration	BMS management system, fire suppression system, HVAC, cabinet, PCS system, EMS
PCS Parameter	
Battery Voltage Range (V)	160-800
Max. Charging Current (A)	50+50
Max. Discharging Current (A)	50+50
PV String Input Data	
Max. DC Input Power (W)	65000
Max. DC Input Voltage (V)	1000
MPPT Range (V)	150-850
PV Input Current (A)	36+36+36+36
AC Output Data	
Rated AC Output dan UPS Power (W)	50000
Max. AC Output Power (W)	55000
AC Output Rated Current (A)	75.8/72.5
Max. Continuous AC Passthrough (A)	200
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac
Grid Type	Three Phase
Efficiency	
Max. Efficiency	97.60%
MPPT Efficiency	>99%



61kWh Energy Storage Battery Outdoor energy storage all-in-one Cabinet



50kW High Voltage Inverter Built-in outdoor energy storage all-in-one Cabinet