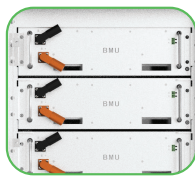




Magic 61kWh 71kWh

**Outdoor energy
storage all-in-one Cabinet**

Waterproof IP55



Wifi Real-time control



APP control

Product introduction

Magic 61/71 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



Exquisite craftsmanship
Higher specific energy,
more environmentally friendly.



Safe and reliable
Longer cycle life.



Integrated design
Convenient installation and
higher efficiency.



Smart and friendly
WiFi remote Monitoring



Remote Monitoring
Self-developed APP



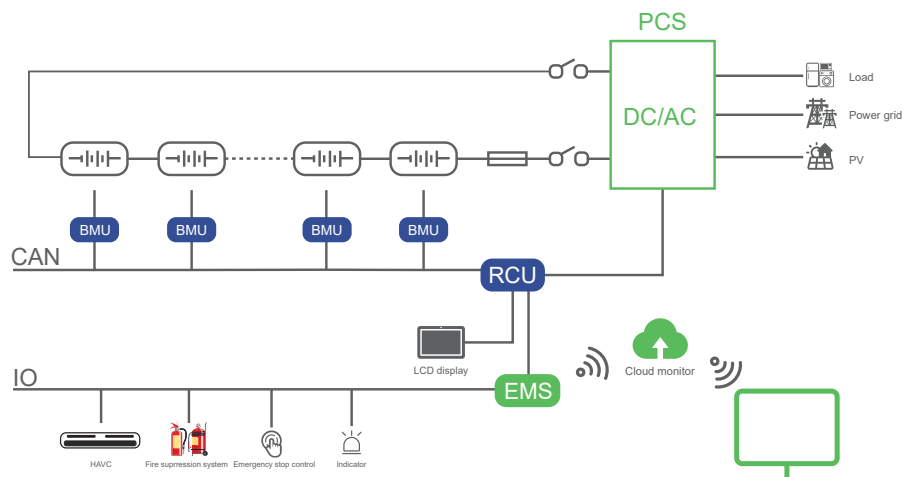
Smart BMS
high power



Full Bracket Design
Full space for each
cell's best performance

61kWh/71kWh Energy Storage Battery

Outdoor energy storage all-in-one Cabinet

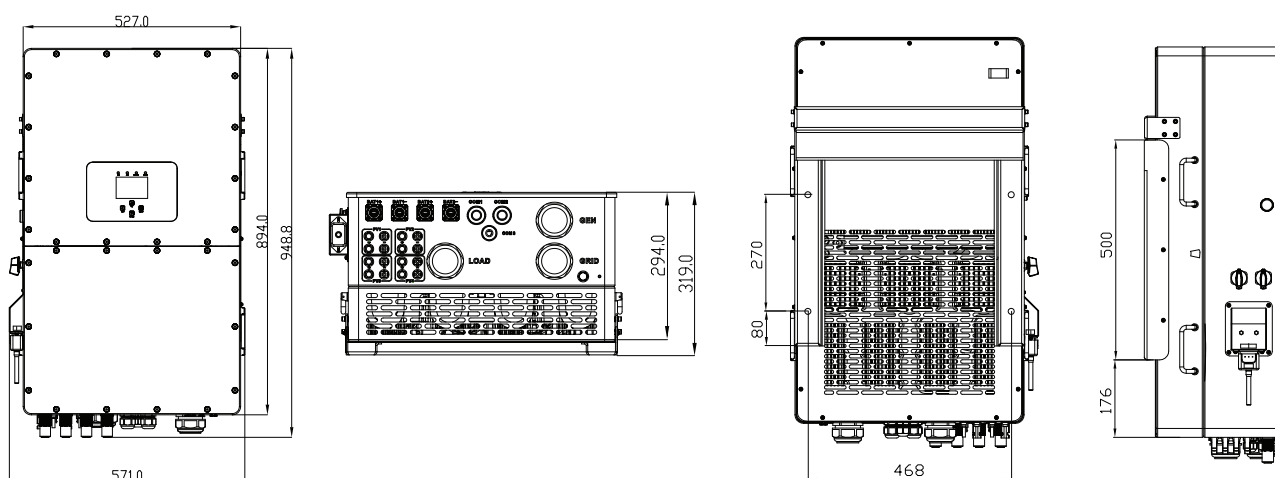


Function Parameters

Model No.	Magic 61-50	Magic 71-50
Nominal Energy	61KWH	71KWH
Nominal Voltage	614.4V	716.8V
Nominal Capacity	100Ah	100Ah
Cell Type	LFP	LFP
Standard Charge Voltage	691.2V	806.4V
Max Charge Current	100A	100A
Discharge Cut-Off Voltage	556.8V	645V
Max Discharge Current	100A	100A
Maximum Working Altitude	2000m	
Working Humidity Range	≤95% (no condensation)	
Cooling Method	Air cooling	
Cycle Life *	25±2°C/0.2C/80% DOD≥7000	
Range Of Working Temperature	-20 ~ 50°C	
Fire Fighting System	Aerosol	
Certification	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS / UN38.3	
Dimensions	1066mm*1174mm*1561mm	
Weight	≈900kg	≈1000kg
Warranty	10 years	
Battery System	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system	

61kWh/71kWh Energy Storage Battery

Outdoor energy storage all-in-one Cabinet



PCS Parameter

Model

SUN-50K-SG01HP3-EU-BM4

Battery input Data

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 and 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%

*More detailed information please refer to the inverter datasheet.