

POWER MAGIC CUBE Series

Energy Storage Battery

2400/5000



2.4/5.1 kWh TOTAL ENERGY(DC)

TYPE: POWER MAGIC CUBE HGE 2400/5000



10
Years

Warranty

90%

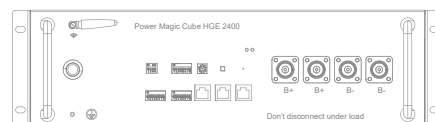
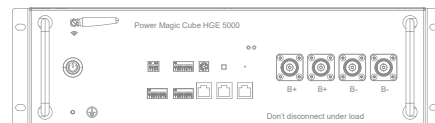
Max.recommended DOD

>15
Years

Life Span

<60%

Humidity(No condensed water)



Model	Power Magic Cube HGE 2400	Power Magic Cube HGE 5000
Total Energy(DC)*	2.4kWh	5.1kWh
Usable Energy(DC)*	2.2kWh	4.8kWh
Nominal Dis-/Charge Power	1.5kW	3.0kW
Peak Power(Only Discharge)	3kW for 3s	6kW for 3s
Constant Current(Only Discharge)	40A	80A
Voltage	48~56Vd.c	48~56Vd.c
Nominal Voltage	51.2Vd.c	51.2Vd.c
Nominal Current	30A	60A
Max. Charge Voltage	57.6Vd.c	57.6Vd.c
Weight	27.5kg	45kg
Dimension(mm)	500*442*133mm	500*448*135mm
Safety	Cell UL 1973	Cell UL 1973
	Pack TUV/CE	Pack TUV/CE
Max. Connection Number	8S/8P	8S/4P
Operating Temperature	Charge	From 0~50 C
	Discharge	From -10~55 C
Max.recommended DOD	90%	
Operating Condition	Indoor	
WIFI Frequency Range	2400MHz~2483MHz	
Humidity	< 60%(No condensed water)	
Pollution Degree	3	
Over Voltage Category	II	
Cooling Type	Natural cooling	
Case Material	Metal	
Color	Black or White	
Installation	Wall Mounting/Ground Installation	
IP rating	IP 20	
Protective Class	I	
Warranty	10 years	
Life Span	>15 years	
Communication	CAN/ RS485	
Protection Mode	Dual hardware protection	
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Hazardous Material Classification	9	
Transportation	UN 38.3	

Testing conditions based on temperature 25°C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from HEGATECH 0.2C CC-CV