

KEEP YOUR LIGHTS ON.



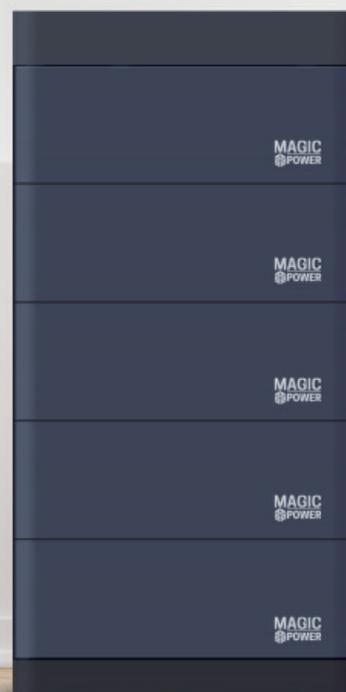
HELIOS

RESIDENTIAL ENERGY STORAGE SYSTEM

Lithium-ion battery

MQK-E3-BL5

- ▶ Max. capacity: 35.84kWh
- ▶ Module capacity: 51.2V 100Ah



* Up to 7 modules can be stacked

- ◆ Modular design, independent maintenance
- ◆ Supports parallel operation to meet various power demands
- ◆ Independently developed energy storage-specific BMS, safe and reliable
- ◆ Compatible with mainstream inverter CAN/RS485 protocols
- ◆ Inverter integration
- ◆ Remote monitoring and upgrades

DESCRIPTION	MQK-E3-BL5					
Cell Technology	Lithium Iron Phosphate (LFP)					
Battery System Capacity(kWh)	10.24	15.36	20.48	25.6	30.7	35.84
Battery System Voltage (Vdc)	51.2	51.2	51.2	51.2	51.2	51.2
Battery System Capacity (Ah)	200	300	400	500	600	700
Battery Module Quantity(pcs)	2	3	4	5	6	7
Battery Module Capacity(kWh)	5.12					
Battery Module Voltage (Vdc)	51.2					
Battery Module Capacity (Ah)	100					
MAX: Battery System Charge Current(Amps, Standard)	100					
MAX: Battery System Discharge Current(Amps, Normal)	120					
Depth of Discharge (%)	90					
Dimension (W*D*H, mm)	570*400*550	570*400*710	570*400*870	570*400*1030	570*400*1190	570*400*1350
Communication	RS485/CAN/RS232					
Weight (≈kg)	120	170	220	270	320	370
Operation Life (Years)	10					
OperationTemperature (°C)	0~50					
StorageTemperature (°C)	-20~60					
Altitude(m)	2000					
Product Certificate	UL1973;IEC62619;UN38.3;CE/EMC;EN61000;MSDS					