

YJC-EES-H-R-46.08~76.8KWH

OUTDOOR BATTERY ENERGY STORAGE CABINET

YJC-EES-H-R-46.08~76.8KWH IS DESIGNED AS A SINGLE BATTERY CABINET WITH A MODULAR DESIGN APPROACH FOR EASY TO BE TRANSPORTED, INSTALLED AND MAINTAINED. IT CONSISTS OF ONE-STOP INTEGRATION OF BATTERY MODULE, BMS, FIRE PROTECTION SYSTEM, AND TEMPERATURE CONTROL SYSTEM. THE HIGH-PERFORMANCE, HIGH-MULTIPLIER STORAGE-GRADE LITHIUM IRON PHOSPHATE BATTERIES USED IN THE PRODUCT, INTELLIGENT BMS DESIGN AND SAFETY PROTECTION EFFECTIVELY ENHANCE SAFETY AND RELIABILITY.

YJC-EES-H-R-46.08~76.8KWH OUTDOOR BATTERY STORAGE CABINETS CAN BE DIRECTLY CONNECTED WITH PCS, YJC-EES-H-R-46.08~76.8KWH PROVIDES STANDARD CAN PROTOCOL AND MODBUS RTU PROTOCOL, AND CAN BE CONTROLLED BY EXTERNAL CONTROLLERS.ENERGEO OUTDOOR BATTERY STORAGE CABINETS SUPPORT THE PARALLEL USE OF MULTIPLE UNITS.

DC OUTPUT

1C RATE CHARGE/DISCHARGE

COMPACT MODULAR DESIGN

COMBUSTIBLE GAS DETECTION

SEPARATE AIR DUCT DESIGN

PACK DOUBLE BOLT INSULATION INSTALLATION

IP55 GRADE,SUITABLE FOR OUTDOOR



Model YJC-EES-H-R-46.08~76.8kWh

BATTERY PARAMETERS

Battery cell model	LiFePO4-100Ah
Battery capacity range	46.08kWh ~ 76.8kWh
Battery cluster configuration	1P144S~1P240S
Max charging/discharging C-rate	1C

GENERAL PARAMETERS

Dimensions (W*H*D)	850*2100*1050mm
Maximum weight	About1200kg
IP level	IP55 (Suitable for outdoor)
Anti-corrosion grade	C3&C5
Cooling method type	Air conditioner
Operating temperature*	-20°C~60°C
Altitude**	<2000m
Relative humidity	0-95%(non-condensing)
Fire fighting system	Novec1230+Combustible gas detector
Noise level	≤75dB
Communication interface	RS485,CAN
Communication protocol	Modbus RTU, CAN 2.0B
Display	No HMI
Certification & Safety Standard	CE/IEC62619/UN38.3

* The system will be derated when the ambient temperature exceeds 45°C. ** The system will be derated when the altitude is between 2000 and 3000m.