

High voltage stacking battery 7.16kWh ~ 28.66kWh

EGB Series 7.16 ~ 28.66kWh



PRODUCT FEATURES:

Energy Gap stacking battery EGB series is a high voltage battery that offers multiple energy storage options through an expandable modular design (2-8 modules combined), which further simplifies installation.

The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance and supplying robust power for daily life.

Flexibility

Extendable during lifetime
Support 2~8 modules per unit, 7~28 kWh capacity range

High performance

90% usable energy
35A continuous charge and discharge current

Safety and easy installation

Lithium iron phosphate battery
Multi-stage protection design
Plug and play, wireless connection between modules

EGB SERIES 7.16~28.66KWH

High voltage stacking battery 7.16kWh ~ 28.66kWh

TECHNICAL PARAMETERS:

Technical Parameters	EGB7KJ-S2	EGB10KJ-S3	EGB14KJ-S4	EGB18KJ-S5	EGB21KJ-S6	EGB25KJ-S7	EGB28KJ-S8
BCU Module	BCU40035SH						
Number of BCU	1						
Battery Module	EGB4870SH (3.584 KWh / 70 Ah, 51.2 VDC, 16S1P)						
Cell Type	LiFePO4						
Number of Mudules	2	3	4	5	6	7	8
Rated Energy	7.16 KWh	10.75 KWh	14.33 KWh	17.92 KWh	21.50 KWh	25.08 KWh	28.66 KWh
Usable Energy	6.4 KWh	9.6 KWh	12.8 KWh	16.1 KWh	19.3 KWh	22.5 KWh	25.8 KWh
Continuous Current	35 A / 70 A	35 A / 70 A	35 A / 70 A	35 A / 70 A	35 A / 70 A	35 A / 70 A	35 A / 70 A
Max Output Power	3.5 KW	5.4 KW	7.1 KW	9.0 KW	10.8 KW	12.5 KW	14.3 KW
Peak Output Power	7 KW 10 S	10 KW 10 S	14 KW 10 S	17 KW 10 S	20 KW 10 S	25 KW 10 S	28 KW 10 S
Rated Voltage	102.4 VDC	153.6 VDC	204.8 VDC	256 VDC	307.2 VDC	358.4 VDC	409.6 VDC
Operating Voltage	96 ~ 112 VDC	144 ~ 168 VDC	192 ~ 224 VDC	240 ~ 280 VDC	288 ~ 336 VDC	336 ~ 392 VDC	384 ~ 448 VDC
Dimesnion	600*260*621mm	600*260*806mm	600*260*991mm	600*260*1176mm	600*260*1361mm	600*260*1546mm	600*260*1731mm
Weight	90 kg	125 kg	160 kg	195 kg	230 kg	265 kg	300 kg
Communication	CAN / RS485						
Degree of Protection	IP65						
Mounting Method	floor stand						
Operating Ambient	Charge: 0 °C ~ 50 °C / Discharge: -10 °C ~ 50 °C						
Humidity Range	0% to 95% (non-condensing)						
Cooling Method	natural convection						
Warranty	10 years						