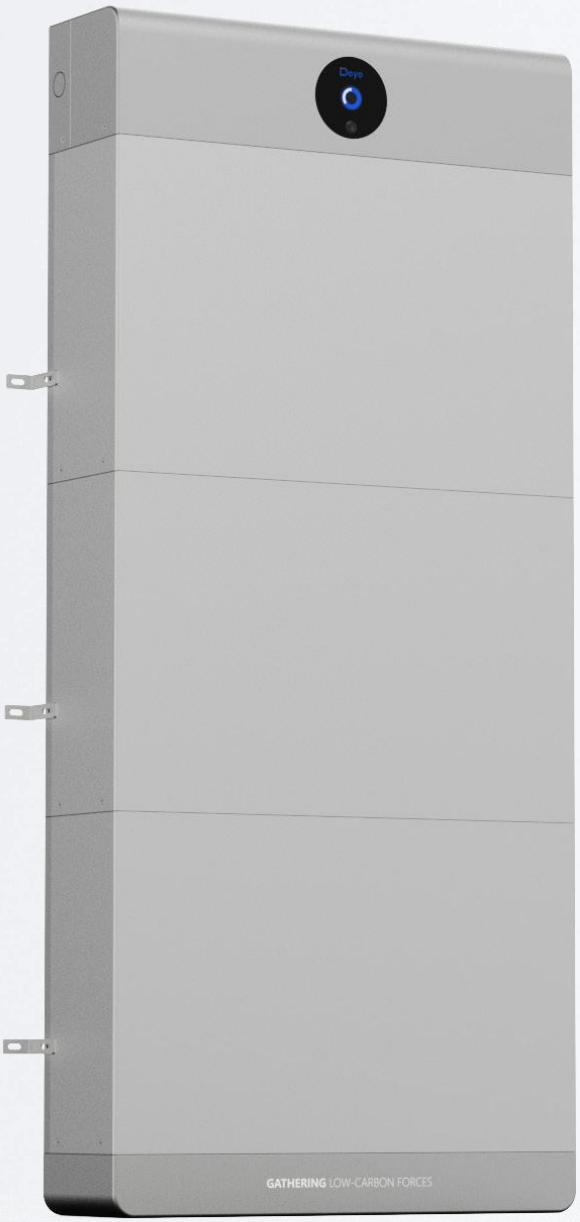
Deye high voltage home batteies

Deye GB-A



2025

Technical Data

Deye GB-A

Modle name		GB-A-PACK4	GB-A-PACK4+ GB-A-PACK6	GB-A-PACK4+ GB-A-PACK6*2
Main Parameter				
Cell Chemistry		LiFePO4		
Battery Module Energy (kWh)		2.		
Battery Module Nominal Voltage (Vdc)		51.2		
Battery Module Capacity (Ah)		39.1Ah		
System Nominal Voltage (Vdc)		102.4	256	409.6
System Operating Voltage (Vdc)		89.6~115.2	224~288	358.4~460.8
System Energy (kWh)		4	10	16
Charge power (kW)		2.5	6.25	10
max.charge current（A）		28		
Discharge power (kW)		3.3	8.2	10
Discharge current （A）	Recommend	28		
	Max	37		
Ambient operating Temperature (°C)		Charge/Discharge: -20~55		
Status Indicator		Yellow: Battery High Voltage Power On		
		Red: Battery System Alarm		
Communication Port		CAN2.0/ RS485		
Humidity		5%~95%RH		
Altitude		2000m		
IP Rating of Enclosure		IP65		
Dimension (W/D/H,mm)		700*200*695	700*200*1135	700*200*1575
Weight Approximate (kg)		62	121	180
Installation Location		Floor I mount		
Recommend storage Temperature (°C)		0~35		
Recommend Depth of Discharge		90%		
Cycle Life		25±2°C,0.5C/0.5C, EOL70%≥6000		
Warranty		10 years		
Certification				