

BAK Large-scale Energy Storage Products

BAK large-scale energy storage products can be used in power generation and grid-side scenarios. The products are designed as standard units and can be customized according to application scenarios. The products are used in charging and discharging scenarios of 1C and below.



BAK
Large-scale Energy
Storage



STORE FOR
A CLEANER FUTURE

Model	BAK-GESS-3.0MW	BAK-GESS- 4.8MW	BAK-GESS-3.4MW	BAK-GESS- 5.4MW
Rated Energy (KWh)	3096.57	4816.89	3472.58	5401.8
Rated Voltage (V)	1228.8			
DC Voltage Range (V)	1075.2-1382.4			
System Configuration	384S9P	384S14P	384S9P	384S14P
Nominal Capacity (Ah)	280		314	
Continuous Charge Rate (C)	0.5			
Continuous Discharge Rate (C)	0.5			
Communication Mode	Ethernet, RS485, CAN		Ethernet, GPRS, RS485, CAN	
Container Size (GP)	20	40	20	40
Weight (T)	< 35	< 56	< 37	< 58
Protection Rating	IP54			
Fire Protection System	Yes			
Cooling Method	Air cooling / Liquid cooling			
Noise Level (dB)	< 65			
Discharge Working Temperature (°C)	-20~+60			
Charge Working Temperature (°C)	0~+55			
Storage Temperature (°C)	Recommended	-10~+35		
	Allowable (Short Term)	-30 ~+55		
Relative Humidity (Non-condensing)	5%~95%			

BAK Transportation Solutions



STORE FOR A
CLEANER FUTURE

With long cycle life, high energy density, and excellent low-temperature performance, BAK prismatic batteries can meet the needs of new energy vehicles, electric ships, and other applications.



Green Mobility



Electric Ship

BAK Green Mobility Lithium Battery Products

BAK provides green, clean, safe, and reliable prismatic lithium battery solutions, which are widely used in low-temperature vehicles, golf carts, parking power supplies, and alternative lead-acid lithium products to build a green transportation system.



Green
Mobility Lithium
Battery Products

Golf Cart Battery Pack



Nominal Capacity(Ah)	100	100
Nominal Voltage(V)	48	73.6
Max Charge Voltage(V)	54.75	83.95
Max Charge/Discharge Current(A)	50/100	50/100
Dimensions(W*D*H,mm)	650*300*260	880*300*260
Charge/Discharge Temperature (°C)	0~55/-20~55	0~55/-20~55
Nominal Energy(KWh)	4.8	7.36
Protection Class	IP67	IP67

LFP Battery Alternative Lead Acid



Nominal Capacity(Ah)	50	100	150	200
Nominal Voltage(V)	12.8	12.8	12.8	12.8
Weight (KG)	7	12	18	24
Max. Sustained Charge/Discharge Rate (C)	1/1	1/1	0.66/1	0.66/1
Dimensions(W*D*H,mm)	198*166*169	330*172*214	522*240*218	522*240*218
Charge/Discharge Temperature(°C)	0~55/-20~60	0~55/-20~60	0~55/-20~60	0~55/-20~60
Shell Material	ABS	ABS	ABS	ABS
Protection Class	IP65	IP65	IP65	IP65

BAK Green Mobility Lithium Battery Products

BAK provides green, clean, safe, and reliable prismatic lithium battery solutions, which are widely used in low-temperature vehicles, golf carts, parking power supplies, and alternative lead-acid lithium products to build a green transportation system.



Green Mobility Lithium Battery Products

Cryogenic Vehicle Battery Pack



Nominal Voltage(V)	307
Nominal Capacity(Ah)	100
Nominal Energy(KWh)	30.72
Continuous Charge/Discharge Current(A)	100/100
Cycle Life	>4000 (0.5C/0.5C, 0-100%SOC@25°C,80%SOH)
Charge/Discharge Temperature (°C)	-10~55 / -30~55 (No Heating)
Operating Altitude	<2000
Protection Class	IP67

Low Temperature Parking Power



	BAK-25.6V100Ah	BAK-25.6V150Ah
Nominal Voltage(V)	25.6	25.6
Nominal Capacity(Ah)	100	150
Nominal Energy(KWh)	2.56	3.84
Continuous Charge/Discharge Current(A)	100 / 100	150 / 150
Cycle Life	>4000 (0.5C/0.5C, 0-100%SOC@25°C,80%SOH)	
Charge/Discharge Temperature (°C)	-10~55 / -30~55 (不加热)	
Operating Altitude	<2000	
Protection Class	IP67	