

Low-Voltage Energy Storage Product

Overview:

Low-voltage energy storage products are specially designed for most residential applications by Haisic, including rack-mount, stackable, and wall-mount. Each form owns several battery modules and each module has an intelligent BMS integrated inside, which offers great advantages in terms of safety, cycle life, energy density and temperature range.

Features:

Simple: Easily installation and capacity expansion, Maintenance-free (15Y design life).

Intelligent: Real-time monitoring and control, Passive balance, Matching mainstream inverters.

Safe: LFP cell & system safety design.

Performance: High energy density, Excellent service life & Wide operation temperature range.

Low-Volt Rack-Mount LFP Battery

HS-GS3500W



Aerial View



Front View



Back View

HS-GS5000W



Aerial View



Front View



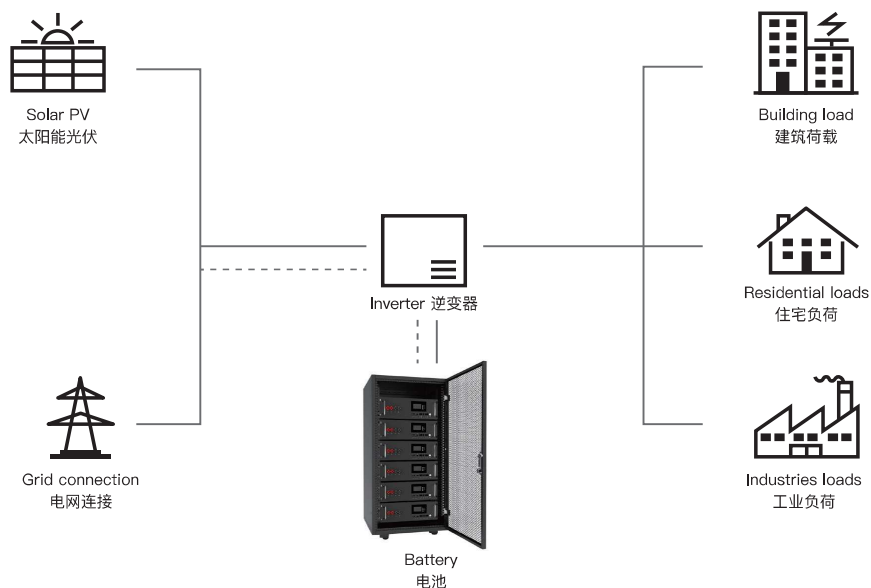
Back View



Battery

Low-Volt Rack-Mount LFP Battery

System Schematic:

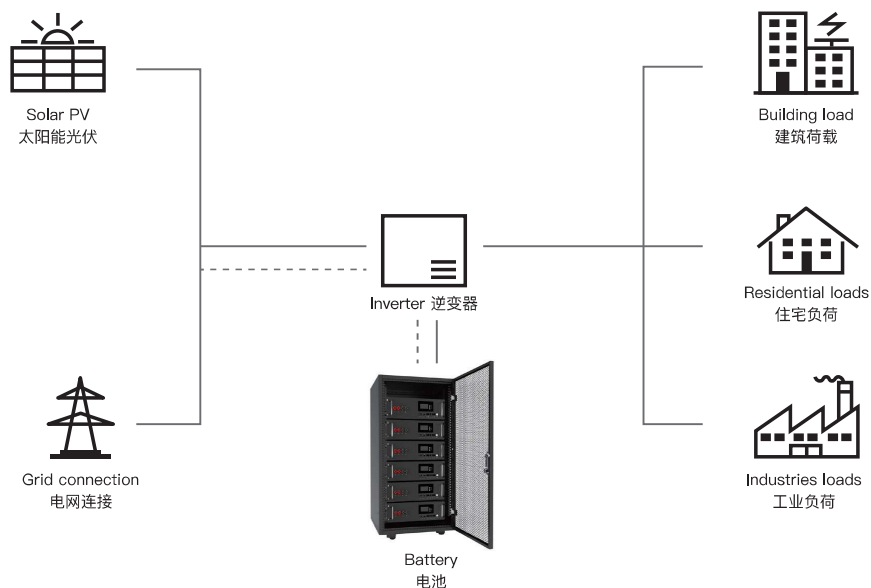


Battery Module Parameter

	HS-GS3500W
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	70
Rated Energy (Wh)	3584
Operation Parameter	
Voltage Range (V)	44.8-56
Charge Voltage Range (V)	55.2-56
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	35
Max Charge Current (A)	70
Max Discharge Current (A)	70
Physical Parameter	
Dimension: L*W*H (mm)	370*420*120
Weight (kg)	32
Communication Port	RS485、CAN
Display	LED+LCD
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Environment Parameter	
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	> 6000 (0.5C@ 25°C, 60% DOD)
Design Life (Year)	15
Certification	
Safety & Certification	CE, EMC, TUV (IEC62619), UL1973
Transportation	UN38.3

Low-Volt Rack-Mount LFP Battery

System Schematic:

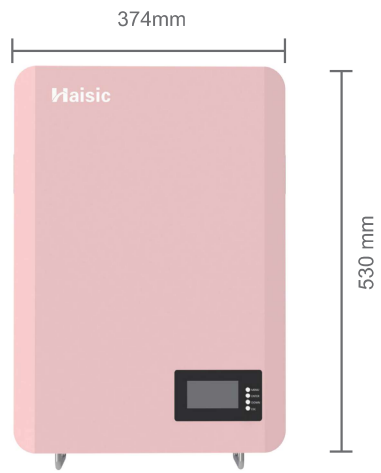


Battery Module Parameter

HS-GS5000W	
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	100
Rated Energy (Wh)	5120
Operation Parameter	
Voltage Range (V)	44.8-56
Charge Voltage Range (V)	55.2-56
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	50
Max Charge Current (A)	100
Max Discharge Current (A)	100
Physical Parameter	
Dimension: L*W*H (mm)	470*452*160
Weight (kg)	46
Communication Port	RS485、CAN
Display	LED+LCD
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Environment Parameter	
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	>6000 (0.5C@ 25°C, 60% DOD)
Design Life (Year)	15
Certification	
Safety & Certification	CE, EMC, TUV (IEC62619) , UL1973
Transportation	UN38.3

Wall-Mount LFP Battery

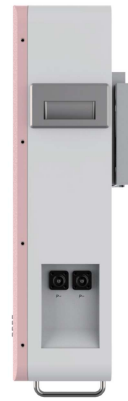
HS-BG3500W



Front View



Left View



Right View



Front View



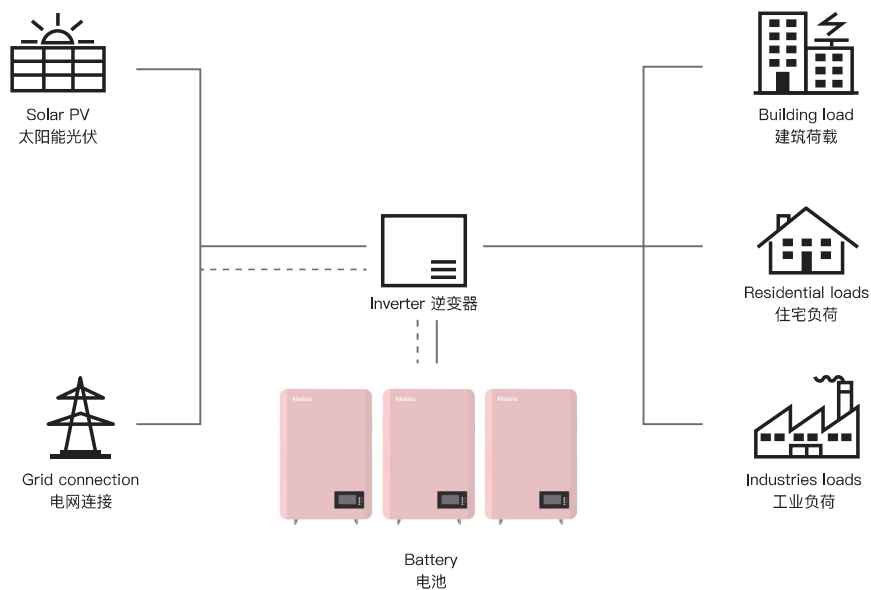
Back View



Bottom View

Low-Volt Wall-Mount LFP Battery

System Schematic:

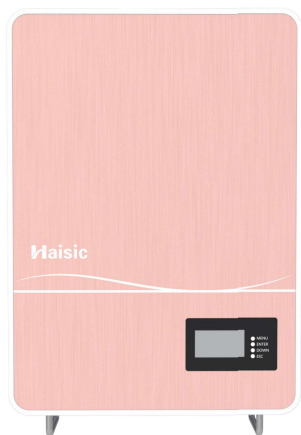


Battery Module Parameter

HS-BG3500W	
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	70
Rated Energy (Wh)	3584
Operation Parameter	
Voltage Range (V)	44.8-56
Charge Voltage Range (V)	55.2-56
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	35
Max Charge Current (A)	70
Max Discharge Current (A)	70
Operation Parameter	
Dimension: L*W*H (mm)	374*138*530
Weight (kg)	32
Communication Port	RS485、CAN
Display	LED+LCD
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Environment Parameter	
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	>6000 (0.5C@ 25°C, 60% DOD)
Design Life (Year)	15
Certification	
Safety & Certification	CE, EMC, TUV (IEC62619) , UL1973
Transportation	UN38.3

Wall-Mount LFP Battery

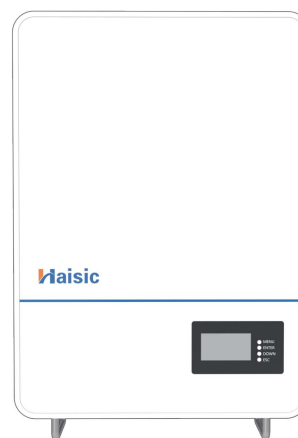
HS-BG5000W



Front View



Right View



Front View



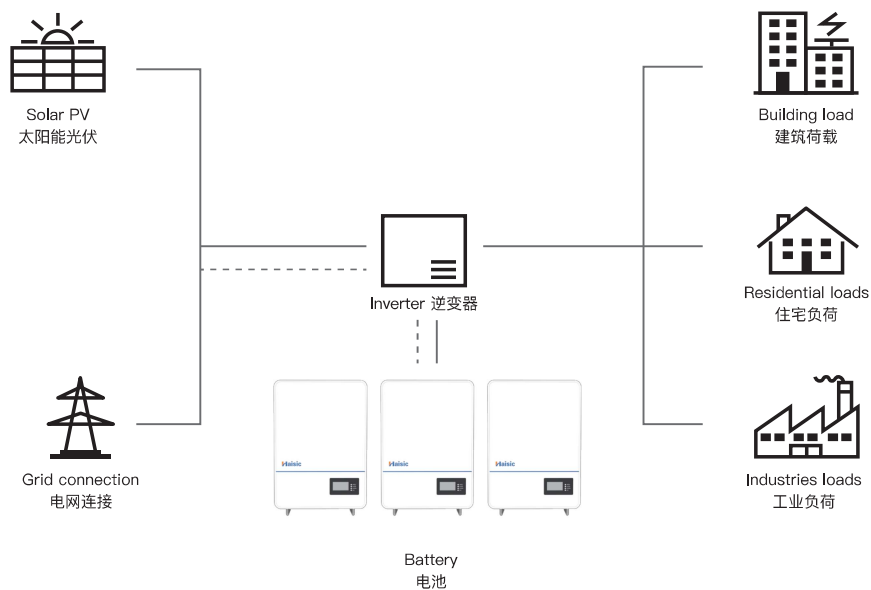
Right View



Bottom View

Low-Volt Wall-Mount LFP Battery

System Schematic:

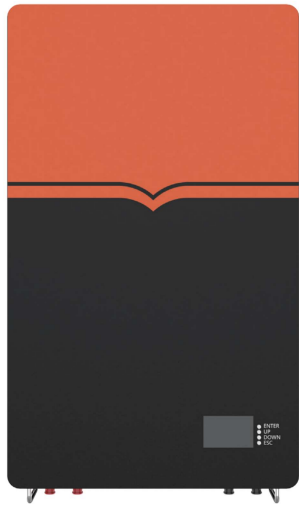


Battery Module Parameter

HS-BG5000W	
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	100
Rated Energy (Wh)	5120
Operation Parameter	
Voltage Range (V)	44.8-56
Charge Voltage Range (V)	55.2-56
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	50
Max Charge Current (A)	100
Max Discharge Current (A)	100
Operation Parameter	
Dimension: L*W*H (mm)	420*160*580
Weight (kg)	51
Communication Port	RS485、CAN
Display	LED+LCD
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Environment Parameter	
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	>6000 (0.5C@ 25°C, 60% DOD)
Design Life (Year)	15
Certification	
Safety & Certification	CE, EMC, TUV (IEC62619) , UL1973
Transportation	UN38.3

Wall-Mount LFP Battery

HS-BG9500W



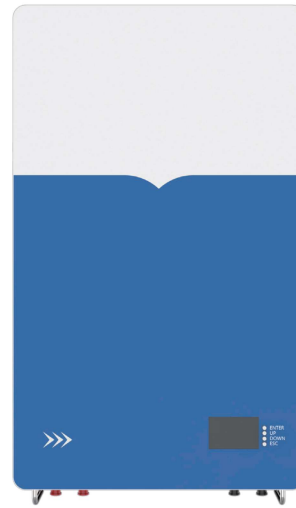
Front View



Left View



Right View



Front View



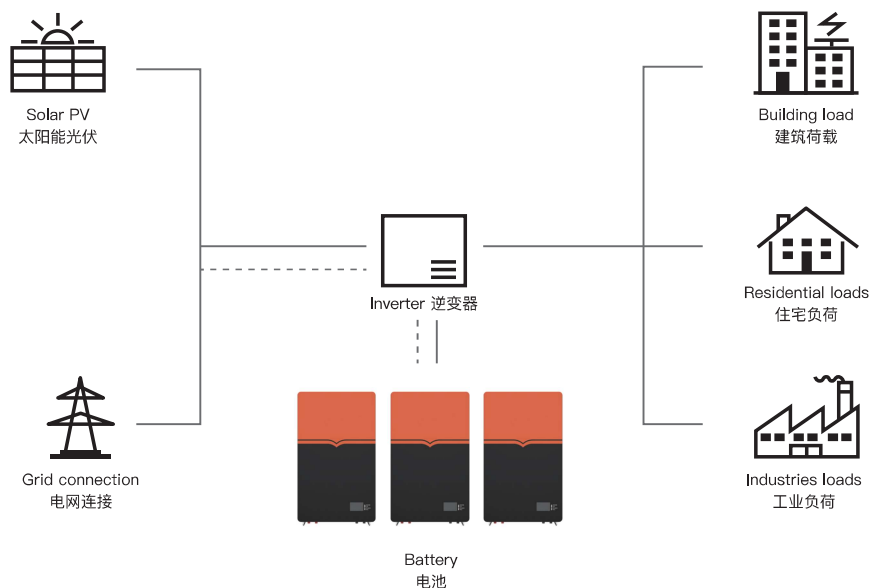
Back View



Bottom View

Low-Volt Wall-Mount LFP Battery

System Schematic:



Battery Module Parameter

	HS-BG9500W
Basic Parameter	
Rated Voltage (V)	51.2
Rated Capacity (Ah)	186
Rated Energy (Wh)	9523
Operation Parameter	
Voltage Range (V)	44.8-56
Charge Voltage Range (V)	55.2-56
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	100
Max Charge Current (A)	200
Max Discharge Current (A)	200
Operation Parameter	
Dimension: L*W*H (mm)	457*163*760
Weight (kg)	70
Communication Port	RS485、CAN
Display	LED+LCD
Terminal	Plug-in
Compatible inverter	Growatt, Goodwe, Sol-Ark, SRNE, DEYE
Environment Parameter	
Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-45
Discharge Temperature Range (°C)	-20-60
Storage Temperature Range (°C)	-20-45
Service Life	
Cycle Life	> 6000 (0.5C@ 25°C, 60% DOD)
Design Life (Year)	15
Certification	
Safety & Certification	CE, EMC, TUV (IEC62619) , UL1973
Transportation	UN38.3

Low-Volt Stacked LFP Battery



Module Top View



Module Front View

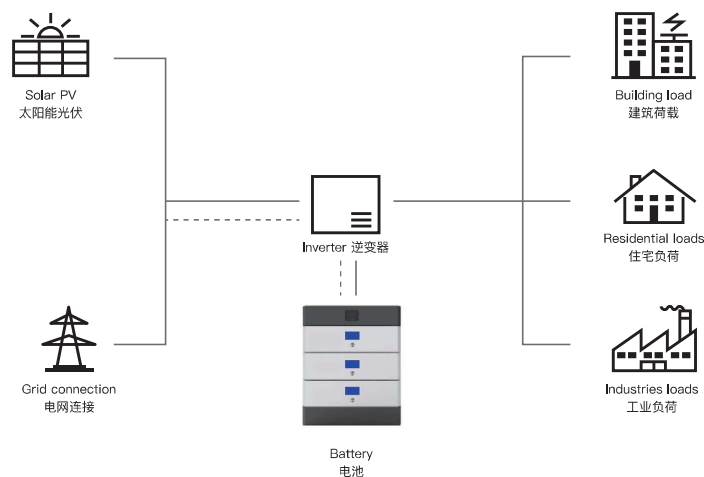


Module Side View



Low-Volt Stacked LFP Battery

System Schematic:



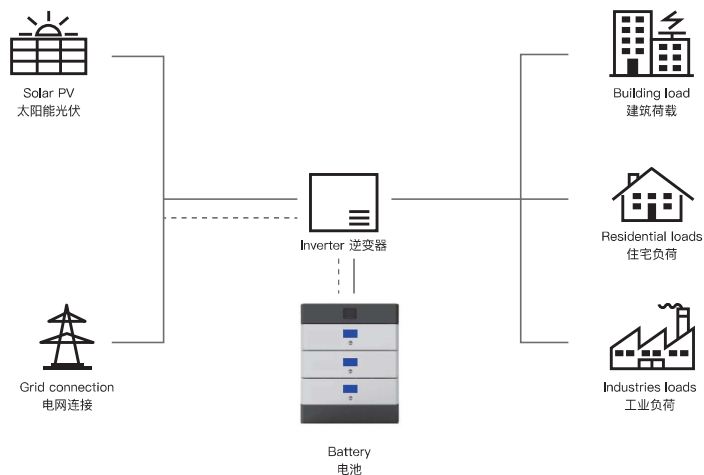
Battery Module Parameter

Type/Parameter	HS-JT3000WP2	HS-JT3000WP3	HS-JT3000WP4	HS-JT3000WP5	HS-JT3000WP6	HS-JT3000WP7
System Schematic						
Battery Module Type	HS-JT3000W					
Module Number	2	3	4	5	6	7
Rated Voltage (V)	51.2					
Rated Capacity(Ah)	70					
Voltage Range (V)	44.8-56					
Rated Energy (Wh)	7168	10752	14336	17920	21504	25088
Standard Discharge Current (A)	150	200	200	200	200	200
Physical Parameter						
Dimension:(L*W*H)	670*430*366	670*430*504	670*430*642	670*430*780	670*430*918	670*430*1056
Weight (kg)	70	100	130	160	190	220
Communication Port	RS485、CAN					
Display	LED+LCD					
Terminal	Plug-in					
Compatible inverter	Growatt,Goodwe,Sol-Ark,SRNE, DEYE					
Environment Parameter						
IP	IP55					
Charge Temperature Range (°C)	0-45					
Discharge Temperature Range (°C)	-20-60					
Installation Method	Floor-mount					
Service Life						
Cycle Life	> 6000 (0.5C@ 25°C, 60% DOD)					
Design Life (Year)	15					
Certification						
Safety & Certification	CE, EMC, TUV (IEC62619)					
Transportation	UN38.3					

Low-Volt Stacked LFP Battery

Battery Module Parameter

System Schematic:



Type/Parameter	HS-JT5000WP2	HS-JT5000WP3	HS-JT5000WP4	HS-JT5000WP5	HS-JT5000WP6	HS-JT5000WP7
System Schematic						
Battery Module Type	HS-JT5000W					
Module Number	2	3	4	5	6	7
Rated Voltage (V)	51.2					
Rated Capacity(Ah)	100					
Voltage Range (V)	44.8-56					
Rated Energy (Wh)	10240	15360	20480	25600	30720	35840
Standard Discharge Current (A)	200	200	200	200	200	200
Physical Parameter						
Dimension:(L*W*H)	670*430*420	670*430*580	670*430*740	670*430*900	670*430*1060	670*430*1220
Weight (kg)	110	160	210	260	310	360
Communication Port	RS485、CAN					
Display	LED+LCD					
Terminal	Plug-in					
Compatible inverter	Growatt,Goodwe,Sol-Ark,SRNE, DEYE					
Environment Parameter						
IP	IP55					
Charge Temperature Range (°C)	0-45					
Discharge Temperature Range (°C)	-20-60					
Installation Method	Floor-mount					
Service Life						
Cycle Life	>6000 (0.5C@ 25°C, 60% DOD)					
Design Life (Year)	15					
Certification						
Safety & Certification	CE, EMC, TUV (IEC62619)					
Transportation	UN38.3					