

Floor-standing DC backup power supply

1260



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥3000 cycle life (DOD 80%)



0.77kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		1260
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	12.8V	
Nominal capacity	60Ah@0.5C	
Maximum number of modules in parallel	/	
Operating voltage range	11 ~ 14.6V	
Nominal energy	0.77kWh	
Charging/Discharge current	Recommended	25A
	Max	50A
	Peak value	60 (3S)
Other battery pack parameters		
Recommended discharge depth	80%	
Size (W*H*D)	210*208.5*135mm	
Weight	6.84kg	
display screen	LED	
Level of protection	IP54	
Charging temperature	0°C ~ +50°C	
Discharge temperature	-20°C ~ 60°C	
Storage temperature	0 ~ 45°C	
Humidness	10% ~ 85%	
Atitude	≤3000m	
Cycle life	≥3000 (25°C ,0.5C Charging and discharging ,80%DOD)	
Cooling mode	Natural cooling	
Installation mode	Floor mounted	
Box material	Metal plate	
Connector	USB/DC	
Working Life	>5years	
Reference standard	GBT36276-2023, IEC62619	
Transport standard	UN38.3	

Floor-standing DC backup power supply

12100



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥ 6000 cycle life (DOD 80%)



1.28kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		12100
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	12.8V	
Nominal capacity	100Ah@0.5C	
Maximum number of modules in parallel	4pcs	
Operating voltage range	11~14.6V	
Nominal energy	1.28kWh	
Charging/Discharge current	Recommended	50A
	Max	100A
	Peak value	110A(10S)
Other battery pack parameters		
Recommended discharge depth	80%	
Size (W*H*D)	300*206*150mm	
Weight	12kg	
LCD display screen	Key screen	
Level of protection	IP54	
Charging temperature	0°C~ 50°C	
Discharge temperature	-20°C~ 60°C	
Storage temperature	0~45°C	
Humidness	10%~85%	
Atitude	≤3000m	
Cycle life	≥6000 (25°C ,0.5C Charging and discharging ,80%DOD)	
Cooling mode	Natural cooling	
Installation mode	Floor mounted	
Box material	Metal plate	
Communication mode	Bluetooth	
Working Life	>5years	
Reference standard	GBT36276-2023, UL9540, IEC62619	
Transport standard	UN38.3	

Floor-standing DC backup power supply

12300



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥6000 cycle life (DOD 80%)



3.8kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Main parameters of the battery pack		12300
Cell type	LFP	
Nominal voltage	12.8V	
Nominal capacity	295Ah@0.2C	
Maximum number of modules in parallel	4 pcs	
Operating voltage range	11V ~ 14.6V	
Nominal energy	3.8kWh	
Charging/Discharge current	Recommended	100A
	Max	150A
	Peak value	180A(3S)
Other battery pack parameters		
Recommended discharge depth	80%	
Size (W*H*D)	380mm*224.5*250mm	
Weight	31kg	
LCD display screen	Key screen	
Level of protection	IP54	
Charging temperature	0°C ~ 50°C	
Discharge temperature	-20°C ~ 60°C	
Storage temperature	0 ~ 45°C	
Humidness	10% ~ 85%	
Attitude	≤3000m	
Cycle life	≥6000 (25°C, 0.3C Charging and discharging, 80%DOD)	
Cooling mode	Natural cooling	
Installation mode	Floor mounted	
Box material	Metal plate	
Communication mode	Bluetooth	
Working Life	≥8years	
Reference standard	GBT36276-2023, UL9540, IEC62619	
Transport standard	UN38.3t	

Stacked type DC energy storage battery

24120



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥6000 cycle life (DOD 80%)



3kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		24120
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	25.6V	
Nominal capacity	120Ah@0.5C	
Maximum number of modules in parallel	8pcs	
Operating voltage range	20V~29.2V	
Nominal energy	3KWh	
Charging/Discharge current	Recommended	50A
	Max	100A
	Peak value	110A(1S, 25°C)Overcurrent protection value
Other battery pack parameters		
Recommended discharge depth	80%	
Size (W*H*D)	490mm*135mm*440mm	
Weight	24kg	
LCD display screen	5*LED(SOC20%~SOC100%)	
Level of protection	IP54	
Charging temperature	0°C~50°C	
Discharge temperature	-20°C~ 60°C	
Storage temperature	0~45°C	
Humidness	10%~85%	
Attitude	≤3000m	
Cycle life	≥6000 (25°C, 0.5C Charging and discharging, 80%DOD)	
Cooling mode	Natural cooling	
Installation mode	Stacked	
Box material	metal plate	
Communication mode	UART	
Working Life	>5years	
Reference standard	GBT36276-2023,UL9540,IEC62619	
Transport standard	UN38.3	

Stacked type DC energy storage battery

DW48105



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥6000 cycle life (DOD 80%)



5kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		DW48105
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	48V	
Nominal capacity	105Ah@0.5C	
Maximum number of modules in parallel	15pcs	
Operating voltage range	41.25V ~ 54.75V	
Nominal energy	5kWh	
Charging/Discharge current	Recommended	50A
	Max	100A
	Peak value	120A(3S)
Other battery pack parameters		
Recommended discharge depth	80%	
Size (W*H*D)	490mm*170mm*527.5mm	
Weight	47kg	
LCD display screen	LCD segment code screen	
Level of protection	IP54	
Charging temperature	0°C ~ 50°C	
Discharge temperature	-20°C ~ 60°C	
Storage temperature	0 ~ 45°C	
Humidness	10% ~ 85%	
Atitude	≤3000m	
Cycle life	≥6000 (25°C,0.5C Charging and discharging, 80%DOD)	
Cooling mode	Natural cooling	
Installation mode	Stacked	
Box material	Metal plate	
PCS communication mode	RS485(Standard) or CAN	
BMS Parallel communication	RS485	
Working Life	>5years	
Reference standard	GBT36276-2023, UL9540, IEC62619	
Transport standard	UN38.3	

Wall-mounted DC energy storage battery

BG48105



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥6000 cycle life (DOD 80%)



5.3kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		BG48105
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	51.2V	
Nominal capacity	105Ah@0.5C	
Maximum number of modules in parallel	15pcs	
Operating voltage range	44V ~ 58.4V	
Nominal energy	5.3kWh	
Charging/Discharge current	Recommended	50A
	Max	100A
	Peak value	120A(3S)
Other battery pack parameters		
Recommended discharge depth	80%	
Size (W*H*D)	480mm*645mm*155mm	
Weight	48kg	
LCD display screen	LCD segment code screen	
Level of protection	IP54	
Charging temperature	0°C ~ 50°C	
Discharge temperature	-20°C ~ 60°C	
Storage temperature	0 ~ 45°C	
Humidness	10% ~ 85%	
Attitude	≤3000m	
Cycle life	≥6000 (25°C, 0.5C Charging and discharging, 80%DOD)	
Cooling mode	Natural cooling	
Installation mode	Wall-mounted	
Box material	Metal plate	
PCS communication mode	RS485(standard) or CAN	
BMS Parallel communication	RS485	
Working Life	>5years	
Reference standard	GBT36276-2023, UL9540, IEC62619	
Transport standard	UN38.3	

Stacked type DC energy storage battery

BG48206



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥6000 cycle life (DOD 80%)



5kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		DW48206
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	51.2V	
Nominal capacity	206Ah@0.3C	
Maximum number of modules in parallel	4	
Operating voltage range	44V ~ 58.4V	
Nominal energy	10.5kWh	
Charging/Discharge current	Recommended	100A
	Max	150A
	Peak value	160A
Other battery pack parameters		
Recommended discharge depth	95%	
Size (W*H*D)	440*743*232mm	
Weight	100kg	
LCD display screen	3.2-inch LCD screen	
Level of protection	IP54	
Charging temperature	0℃~ +50℃	
Discharge temperature	-20℃~ +55℃	
Storage temperature	0~45℃	
Humidness	10%~85%	
Attitude	≤3000m	
Cooling mode	Natural cooling	
Installation mode	Wall-mounted	
PCS communication mode	RS485\CAN	
BMS Parallel communication	RS485	
Remote transmission	Bluetooth/WIFI (Optional)	
Working Life	>5years	
Reference Standard	GBT36276-2023, IEC62619, CE	
Certification Standard	UN38.3	

Wall-mounted DC energy storage battery

BG48300



IP54 protection
Corrosion-resistant metal materials



Safer to Use
High-density LiFePO4 battery



Long battery life
≥6000 cycle life (DOD 80%)



5.3kWh capacity
To meet more electricity needs



Stable & Reliable
Advanced BMS management



Widely Compatible
compatible with mainstream inverters

Model		BG48300
Main parameters of the battery pack		
Cell type	LFP	
Nominal voltage	51.2V	
Nominal capacity	300Ah@0.3C	
Maximum number of modules in parallel	4	
Operating voltage range	44V ~ 58.4V	
Nominal energy	15kWh	
Charging/Discharge current	Recommended	100A
	Max	150A
	Peak value	210(1S, 25°C) Overcurrent protection value
Other battery pack parameters		
Recommended discharge depth	95%	
Size (W*H*D)	530*812.5*235mm	
Weight	125kg	
LCD display screen	3.2/7-inch LCD screen	
Level of protection	IP54	
Charging temperature	0℃ ~ +50℃	
Discharge temperature	-20℃ ~ +55℃	
Storage temperature	0~45℃	
Humidness	10%~85%	
Atitude	≤3000m	
Cooling mode	Natural cooling	
Installation mode	Floor mounted	
PCS communication mode	RS485\CAN	
BMS Parallel communication	RS485	
Remote transmission	Bluetooth/WIFI (Optional)	
Working Life	>5years	
Reference Standard	GBT36276-2023, IEC62619, CE	
Certification Standard	UN38.3	