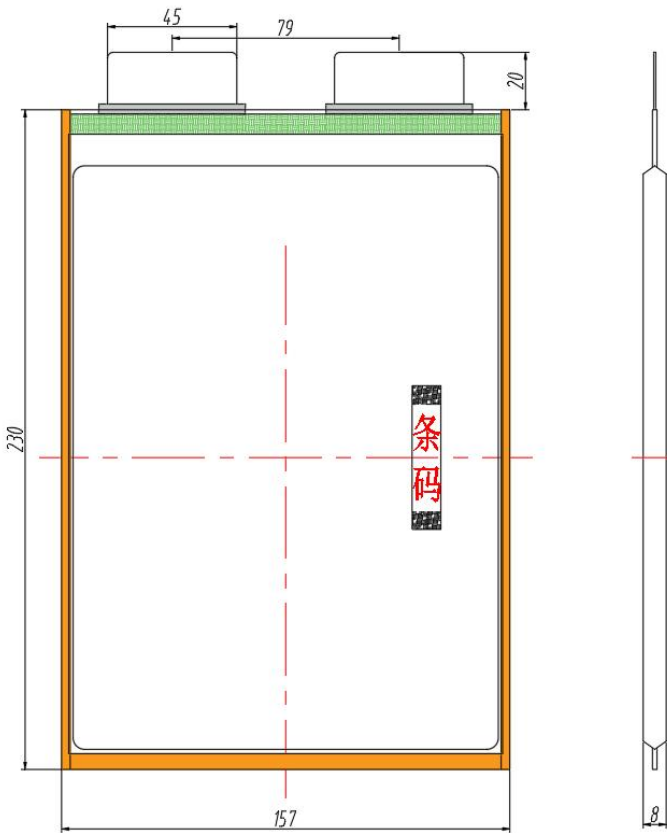


Product  
display

Lithium battery series

# Lithium battery series - single cell



Parameter	HN-LFP10	HN-LFP30	HN-LFP50
Nominal voltage (V)	3.2	3.2	3.2
Rated capacity (Ah)	10	30	50
Charge limit voltage (V)	3.65	3.65	3.65
Standard charging current (A)	5	15	25
Discharge cut-off voltage (V)	2.5	2.5	2.5
Size (W*H*Tmm)	65*130*12	161*229*8.6	166*229*13
Charging Temperature (°C)	0~45	0~45	0~45
Discharge Temperature (°C)	-20~55	-20~55	-20~55
Weight (Kg)	205	610	1010

## Application scenario

### Energy storage:

Solar power station energy storage, off-grid energy storage, home energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base stations, data centers, special equipment, etc.)

### New energy vehicle:

Logistics car, low speed car, forklift truck, AGV car, etc.

# Lithium battery series -3U/4U home storage



Paramete	HN51.2/50-JC	HN51.2/100-JC
Series-parallel number:	1P16S	1P16S
Rated voltage (V) :	51.2	51.2
Operating voltage range (V) :	44.8~ 57.6	44.8~ 57.6
Energy (kWh) :	2.56	5.12
Discharge current (A) :	25	50
Charging current (A) :	25	50
Operating ambient temperature (°C) :	-15~40°C	-15~40°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	35±2	51±2
Size (mm) Width * depth * height:	450*400*132	450*400*180
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Energy storage for small solar power station, off-grid energy storage, home energy storage, standby power supply (communication base station, data center, special equipment, etc.)

# Lithium battery series - Energy storage cabinet



Paramete	HN51.2/300-CN	HN51.2/400-CN
Number of series and parallel:	3P16S	4P16S
Rated voltage (V) :	51.2	51.2
Operating voltage range (V) :	44.8~ 57.6	44.8~ 57.6
Energy (kWh) :	15.36	20.48
Discharge current (A) :	150	200
Charging current (A) :	150	200
Operating ambient temperature (°C) :	-15~40°C	-15~40°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	165±5/220	165±5/220
Size (mm) Width * depth * height:	600*600*650	600*600*800
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Solar power station energy storage, off-grid energy storage, home energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base stations, data centers, special equipment, etc.)

# Lithium battery series - Energy storage cabinet



Paramete	HN192/100-CN	HN192/200-CN
Number of series and parallel:	1P60S	2P60S
Rated voltage (V) :	192	192
Operating voltage range (V) :	150~ 219	150~ 219
Energy (kWh) :	19.2	38.4
Discharge current (A) :	50	100
Charging current (A) :	50	100
Operating ambient temperature (°C) :	-15~45°C	-15~45°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	215±5	410±5
Size (mm) Width * depth * height:	600*600*1000	600*600*1500
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Solar power station energy storage, off-grid energy storage, home energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base stations, data centers, special equipment, etc.)

# Lithium battery series - Energy storage cabinet



Paramete	HN256/100-CN	HN256/280-CN
Number of series and parallel:	1P80S	1P80S
Rated voltage (V) :	256	256
Operating voltage range (V) :	200~ 292	200~ 292
Energy (kWh) :	25.6	71.68
Discharge current (A) :	50	140
Charging current (A) :	50	140
Operating ambient temperature (°C) :	-15~45°C	-15~45°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	220±5	570±5
Size (mm) Width * depth * height:	600*600*1400	600*800*1900
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Solar power station energy storage, off-grid energy storage, home energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base stations, data centers, special equipment, etc.)

# Lithium battery series - Energy storage cabinet



Paramete	HN384/100-CN	HN384/280-CN
Number of series and parallel:	1P120S	1P120S
Rated voltage (V) :	384	384
Operating voltage range (V) :	300 ~ 438	300 ~ 438
Energy (kWh) :	38.4	107.52
Discharge current (A) :	50	140
Charging current (A) :	50	140
Operating ambient temperature (°C) :	-15~45°C	-15~45°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	320±10	890±10
Size (mm) Width * depth * height:	600×600×1600	600×800×2350
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Solar power station energy storage, off-grid energy storage, home energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base stations, data centers, special equipment, etc.)

# Lithium battery series - Energy storage cabinet



Paramete	HN512/100-CN	HN512/280-CN
Number of series and parallel:	1P160S	1P160S
Rated voltage (V) :	512	512
Operating voltage range (V) :	400 ~ 584	400 ~ 584
Energy (kWh) :	51.2	143.36
Discharge current (A) :	50	140
Charging current (A) :	50	140
Operating ambient temperature (°C) :	-15~45°C	-15~45°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	420±10	1100±10
Size (mm) Width * depth * height:	600×600×2000	1200×800×1900
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Solar power station energy storage, off-grid energy storage, home energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base stations, data centers, special equipment, etc.)



# Lithium battery series - energy storage container



Paramete	HN720/1MWh-CN	HN768/2MWh-CN
Number of series and parallel:	5P225S	10P225S
Rated voltage (V) :	720	720
Operating voltage range (V) :	562~ 821	562~ 821
Energy (kWh) :	1008	2016
Discharge current (A) :	650	1300
Charging current (A) :	650	1300
Operating ambient temperature (°C) :	-15~45°C	-15~45°C
Storage temperature (°C) :	-40~45°C	-40~45°C
Weight (Kg) :	9500±100	19000±100
Size (mm) Width * depth * height:	6058*2438*2896	12192*2438*2896
Communication mode:	RS485/CAN	RS485/CAN

## Application scenario

### Energy storage:

Energy storage for solar power station, off-grid energy storage, micro-grid energy storage, energy storage for self-employed households and industrial parks, standby power supply (communication base station, data center, special equipment, etc.)