

# High Voltage 240V 80Ah Battery Cabinets

## APPLICATION



Off-grid Solar ESS



Residential

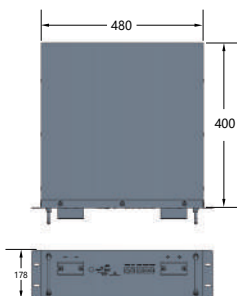


Telecom Backup Power

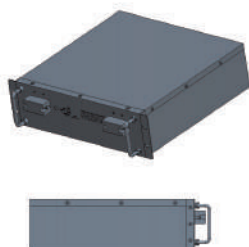


Commercial

## Dimension



Standard 4U(80Ah)  
480\*400\*178mm  
(W\*D\*H)



## Why Choose GENIXGREEN Lithium Battery

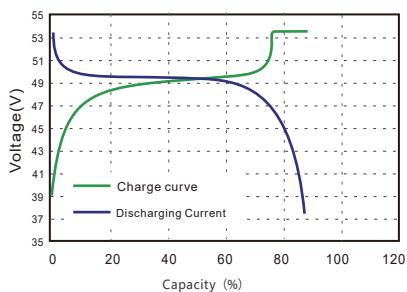
- Powerful and Reliable**
- Environmental Friendly**
- Intelligent BMS with Balance**
- Built-in Safety Protection**
- 8~10 Years Service Life**
- Support Max. 15 Parallels Connection**



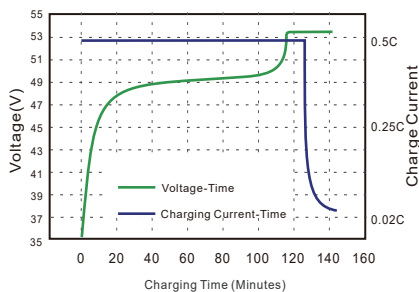
## CURVES



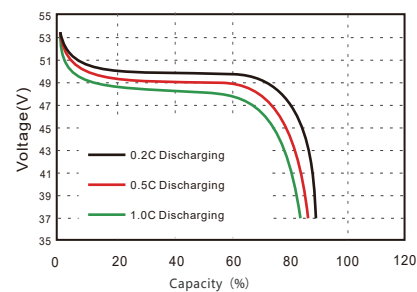
● Charge and discharge curve@0.5C 25°C



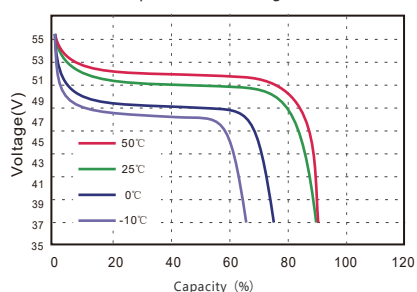
● Charging Characteristics @0.5C 25°C



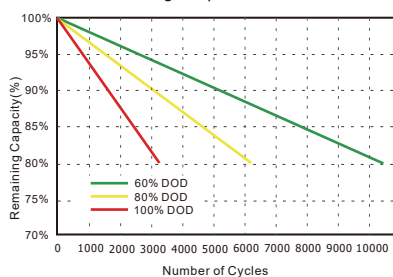
● Different Rate Discharge Curve @25°C



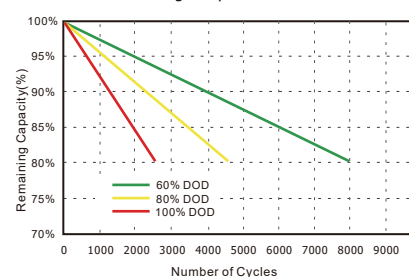
● Different Temperature Discharge Curve @0.5C



● Different discharge depth life curves & 25°C 0.5C



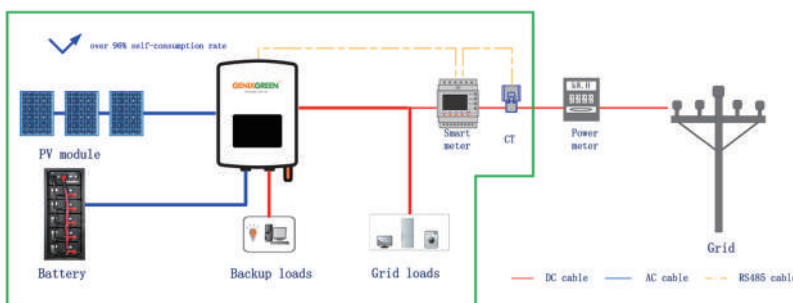
● Different discharge depth life curves & 40°C 0.5C



# High Voltage 240V 80Ah Battery Cabinets

## SPECIFICATION

Picture	Model	ESS-4880
<div style="text-align: center;">  <p><b>Module</b></p> </div>	Nominal Voltage	48V
	Nominal Capacity @25°C	80AH
	Nominal Energy @25°C	4800WH
	Battery Cell Type	Prismatic
	Configuration (*S*P)	15S1P
	Max. Continuous Charge Current @25°C	30A
	Max. Continuous Discharge Current @25°C	30A
	Voltage Range	37.5V~54.75V
	Operate Temperature Range	Charge: 0°C~55°C; Discharge: -20°C~60°C; Storage: -20°C~45°C
	Humidity (non-condensing)	Max. 95%
	Dimension (mm)	4U 480*400*178mm(W*D*H)
	Weight (Kg)	43Kg
	Terminal Type	Barrier terminals
	Housing Material	Sheet Metal
	Indicator, Address and Switch	With Switch, indicators, address
Communication	RS232 RS485 CAN	
Series & Parallels Function	Support 20 series or 15 parallels	
Picture	Model	ESS-24080
<div style="text-align: center;">  <p><b>Cabinet</b></p> </div>	Typical Capacity	80Ah
	Typical Voltage	240V
	Typical power	19200Wh
	Battery module combination	5S1P
	Charging voltage	273.75V
	End voltage	187.5V
	Standard charge current	15A
	Internal Impedance	≤200mΩ
	Max. continuous charge current	30A
	Standard discharge current	15A
	Max. continuous discharge current	30A
	Communication	RS232 RS485 CAN
	Cycle life	> 3000 times @ 100%DOD
	Weight (Kg)	210kg
	Dimension (mm)	600*600*1200mm(W*D*H)
Operate Temperature Range	Charge: 0°C~55°C; Discharge: -20°C~60°C; Storage: -20°C~45°C	



**Victor Zhou** CEO

Email: victor.zhou@genixgreen.com

WA: +86 13714096556

Skype: powergenixvictor

Wechat: victor-eagle



Wechat QR cod