

# Lithium Battery Pack 12.8V 200aH

<

**COMCAST** GROUP



# Contenido

- Basic information ..... 3
- Battery pack and cell illustration ..... 4
- Warning in handling the lithium-ion cell..... 5
- Shipping..... 5
- Storage ..... 6
- Maintenance** ..... 7

## Basic information

- 1) Battery Pack: 12.8V200Ah
- 2) Maximum Size: L\*W\*H: 522mm\*240mm\*218mm
- 3) The battery is placed in a plastic box and weighs about 25kg.



## Battery pack and cell illustration

### Battery pack parameter

No.	Item	Parameter	Remarks
1	Rated Voltage (V)	12.8V	
2	Rated Capacity (Ah)	200Ah	
3	Working voltage range (V)	10-14.6V	Can be customized
4	Discharge temperature range	-20-60°C	
5	Charge temperature rang	0-50°C	
6	Charging Current	Max 100A	
7	Charge voltage (V)	14.6	
8	Discharge Current	150A	Can be customized
9	Instant discharging current	200A(30s)	Can be customized
10	Life cycle time	≥2000 times	25°C&80%DOD& 0.5C charge/discharge
11	Connection	M8	
12	Communication Functions	Bluetooth 4.0	

13	Operating humidity	10%-90%	
14	Protection grade	IP65	

## Warning in handling the lithium-ion cell

To prevent the possibility of the cell from leaking, heating, explosion, please observe the following

precautions:

- **Don't immerse the cell in water;**
- **Don't use and leave the cell near a heat source such as fire or heater;**
- **When charging, use a cell charger specifically for that purpose;**
- **Don't reverse the positive and negative terminals;**
- **Don't discard the cell in fire or heater;**
- **Don't connect the cell to an electrical outlet directly;**
- **Don't discard the cell in fire or heater;**
- **Don't connect the positive and negative terminal directly with metal objects;**
- **Don't transport and store the cell together with metal objects such as necklaces, hairpins;**
- **Don't pierce the cell with a nail or other sharp object.**

## Shipping

The capacity of delivery battery is approximately at 50% of charging. During the transportation, keep the battery away from acutely vibration, impacting, polarization, drenching.

## Storage

Battery status: zero state of battery is strictly prohibited during storage, battery voltage during storage should keep 30-60% SOC;

Storage conditions: keep the place clean and dry; keep the battery pole clean and no pollution; do not place heavy or liquid containing containers on battery; storage place should without flammable, explosive, toxic things such as chemical and other corrosive gases, no strong mechanical vibration and shock, avoid the strong electromagnetic field and the sun exposure.

Suggested storage conditions are as follows:

Temperature	Best temperature	Humidity	Atmospheric pressure
-10~35°C	15~30°C	10~90% RH	90~105kPa

## Maintenance

Short-term storage (1 month) of the battery, check the temperature and humidity of the storage place weekly, check the battery for any abnormalities such as leakage. Before using, measure voltage, if less than 12.8V, should charge battery firstly.

Long-term storage (more than 1 months) of the battery, check the temperature and humidity of the storage place weekly, check the battery for any anomalies such as leakage. Every 2 months do the charge and discharge action (recommended 0.2C). Before using, measure voltage, if less than 12.8V, should charge battery firstly.

**For More Information**

Please visit our website [www.comcast-sa.com](http://www.comcast-sa.com) or contact your local sales representative.

**Comcast México**

Overseas Sales Subsidiary  
Cal. Lázaro Cárdenas #1309  
Col. Colón industrial CP.44940  
Guadalajara, Jalisco  
Tel. +52 33 38607059  
Info.mx@comcast-sa.com

**Comcast Guatemala**

Overseas Sales Subsidiary  
20 calle 23-70 Zona 10  
Guatemala  
Tel. +506 4004 1400  
Gerente.gua@comcast-sa.com

**Comcast Nicaragua**

Overseas Sales Subsidiary  
3ra. Entrada las Colinas, Embajada  
De cuba 1C, Este, Casa #34  
Mangua, Nicaragua  
Te, +1809 5711033  
Admin.nic@comcast-sa.com

**Comcast El Salvador**

Overseas Sales Subsidiary  
51 Av. Norte # 159 entre calle  
poniente y Av. Roosevelt  
San Salvador, El Salvador  
Tel. +503 7950 4882  
Info.sc@comcast-sa.com

**Comcast Republican  
Dominican**

Overseas Sales Subsidiary  
Winston Churchill No. S, Suite 3F,  
Distrito NAccionall  
Santo Domingo, Dominican Rpublic  
Te.+ 1 809 571 1033