COMCAST GROUP

Batteries

Batteries

- Wide range of batteries for all demand

High temperature

High Temp. & Cyclic AGM
SPB series:
12V 25-100Ah

High Temp. & Cyclic AGM
FTC series:
12V 100-170Ah

High Temperature AGM
HTB Series:
2V 300-1000AH

Lithium ion series
LLC Series:
48V 10-150AH

Lithium ion series
LLC Series:
48V 10-150AH

High Temp. AGM
6-FMXH series:
12V 100-190Ah

Front Terminal GEL
6-XFMJ series:
12V 90-150Ah

Long Life Cycle AGM
LLC Series:
2V 300-1000AH

Conventional AGM
6-FMX series:
12V 100-200Ah

Conventional AGM
GFM Series:
2V 200-3000Ah

OPzV
GFMJ Series:
2V 200-3000Ah

Long Life Cycle AGM
EXC Series:
2V 300-800AH

Stable grid **Unstable grid** **Off-grid**

- VRLA Battery

Float-type

High-temp. type

Deep-cycle type

High Power type

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- Application Cases

Vodafone Italy

Telenor Pakistan

Orange France

Ooredoo Oman

Indonesia Telkomsel

Telefonica Mexico

MTN South Africa

América Móvil

- Lithium Ion Battery

Lithium Ion Battery application scenarios

19″ & 23″ modules

Indoor & outdoor

HVDC system

Portable power express

- Lithium Battery Category

Model	Voltage (V)	Capacity (Ah)	Dimension (mm)	Weight (kg)	Remark
NE-48D10-NP	48	10	442×44×240	7.8	1U, module design, support parallel connection
NE-48D20-NP	48	20	442×88×300	13.8	2U, module design, support parallel connection
NE-48D30-NP	48	30	442×133×300	20.0	3U, module design, support parallel connection
NE-48D40-NP	48	40	442×177×300	24.0	4U, module design, support parallel connection
NE-48D50-NP	48	50	442×133×380	25.5	3U, module design, support parallel connection
	48	50	442×133×480	26.5	3U, module design, support parallel connection
NE-48D50-NP (C25A)	48	50	442×177×380	28.5	4U, module design, support parallel connection
NE-48D75-NP	48	75	442×133×400	35.0	3U, module design, support parallel connection
NE-48D100-NP	48	100	442×177×400	45.4	4U, module design, support parallel connection
NE-48D150-NP	48	150	442X220X400	75.0	5U, module design, support parallel connection





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- Application Cases








• High rate VRLA batteries

12V Top terminal high-rate series: 6-GFMHR 320W-800W

12V Front terminal high-rate series: 6-GFMHRX 350W-700W

2V High-rate series: GFMHR 600W-2750W

Application Area

- IDC, UPS Power Supply System
- High Power and High Current Discharge Scene
- Industrial Power Reserve, Emergency Lighting

Technical Features

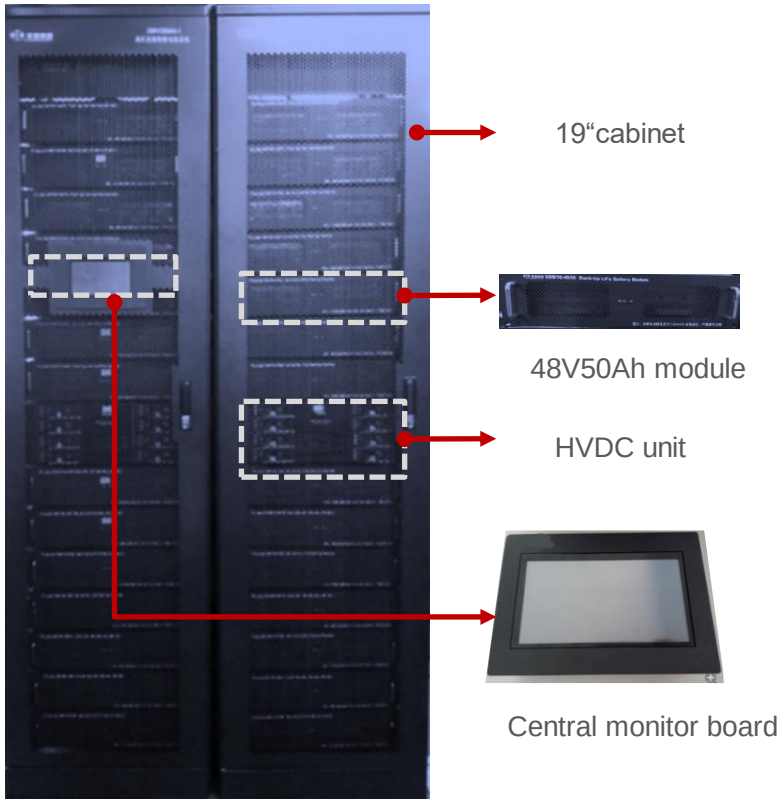
- Designed for high current and high power application scenarios
- High safety, reliability and stability
- Low internal resistance and voltage drop, suitable for high power and high current discharge
- Low self-discharge rate and excellent charge acceptance

- Application Cases






- HVDC lithium-ion batteries



336V/200Ah LFP system

Technical Features

- High voltage DC lithium ion battery system can be used to substitute the traditional UPS in order to improve the energy utilization efficiency by 4~6%. Each HVDC LIB system has been equipped with a HVDC module that is in charge of all of the 4850 or 48100 modules. This product can be discharged with 4C, and all of the technical parameters can be shown in the screen of the HVDC module.

- Application Cases

336V/200Ah

336V/200Ah

240V/100Ah

- Application Cases

Capacity: 16 containers, 19.2MWh, 9,600 LLC-1000 lead-carbon batteries.

2 containers, Lithium ion batteries 1.5MWh.

Function: solve the problem of power limit of PV power station and stabilize the fluctuation of PV power

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- Application Cases

The energy storage systems aim to control the power generated by photovoltaic and wind, to stabilize fluctuation of grid frequency and voltage.

6MWh lead-acid storage system, including 1344 pcs of 2V 2500Ah OPzV VRLA batteries, BMS and PCS.

- Application Cases

IDC Backup + Storage Project

Capacity: 70MWh

Introduction : more than 7,000 cabinets will be built in the first phase, and 14,000 cabinets will be built in the second phase. The annual electricity bill will be about 150 million RMB.

- Application Cases

PV+EV Charging Tower Project

Capacity: 3MWh

Introduction: the project integrated PV and energy storage system, realize the source - net - load - storage coordination operation, on the basis of the electric car charging, carry out practical demonstration of many kinds of business operation mode, make full use of renewable clean energy.

- Application Cases

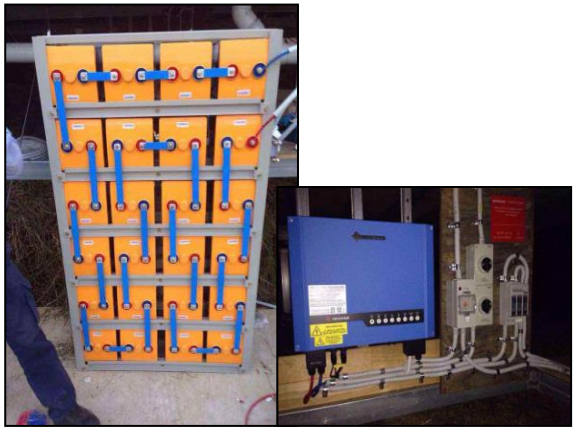
PV Storage Microgrid Project on an island

Capacity: 100kW/540kWh

Introduction: this system is a wind-PV energy storage off-grid micro grid system with 90kW diesel generator on the island to solve the power supply problem of island residents.

- Application Cases

Mini-grid Solutions for Off-grid Area



- Application Cases

Mini-grid Solutions for Off-grid Area



PV-Storage-Diesel Project in Mozambique

Remote areas without electricity supply

39kW PV and 24kW/100kWh energy storage

- Application Cases

Off-grid PV Storage Station Project in Spain

Thanks

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