



CANADA Electronic Center



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ISO9001





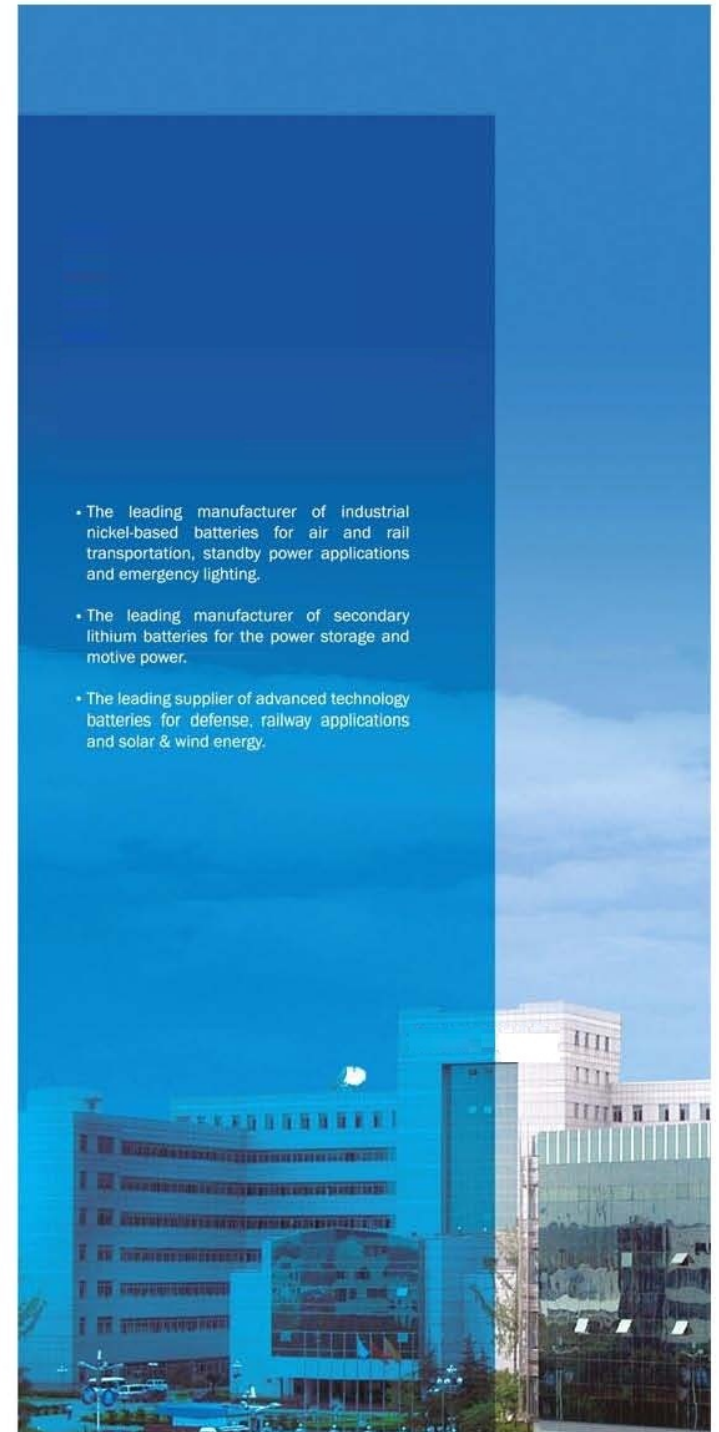
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- The leading manufacturer of industrial nickel-based batteries for air and rail transportation, standby power applications and emergency lighting.
- The leading manufacturer of secondary lithium batteries for the power storage and motive power.
- The leading supplier of advanced technology batteries for defense, railway applications and solar & wind energy.



Nickel Cadmium Battery-Pocket Type

CEC pocket type nickel cadmium rechargeable battery is a reliable battery solution for many industrial fields. Economical design, long cycle life, stable performance and robust tolerance make CEC pocket type battery an ideal choice.

A world wide technical service and support team has proved the core value of CEC battery pocket type battery —Comprehensive support from pre-sales to after sales.

- Renewable energy
- Electricity
- Road and railway
- Transportation
- Oil and gas
- Utilities
- General industries
- Telecommunication
- Networks
- Mining infrastructure
- Aviation infrastructure
- Power sub-station



Series	Characteristics
KGL/GN	Low discharge rate batteries are suitable for discharge current lower than 0.5I _A . Capacity Range: 10~1200Ah
KPM/GNZ	Medium discharge rate batteries are suitable for discharge current between 0.5~3.5I _A . Capacity Range: 10~1050Ah
KPH/GNG	High discharge rate batteries are suitable for discharge current between 3.5~7I _A . Capacity Range: 10~500Ah



Nickel Cadmium Battery-Sintered Type



CEC Nickel Cadmium sintered type rechargeable batteries have been tested by Canada Air Force, Canada Railway, and Metro Systems etc. Super high discharge rate, long cycle life, lighter and smaller, stable performance and robust tolerance make CEC Canada sintered type battery an ideal choice for short-time large current desired applications.

Strong research team dedicates in the imported VARTA technology updating, sales team provides whole range service for customers and the company supports around the world.

- Diesel engine
- Subways
- Diesel locomotives
- Light Rail Vehicles
- Automated Guided Vehicles
- Electric boats
- Hospital carts
- Airport tractors
- Power sub-station



Series	Characteristics
KPX/GNC	Ultra high discharge rate batteries are suitable for discharge current higher than 7I _A . Capacity Range: 10~400Ah.



Nickel Cadmium Battery-Partial Gas Recombination Type

CEC partial gas recombination type Ni-Cd batteries are manufactured in accordance with IEC62259 and new technology has been used in this type of battery.

With longer maintenance period, wider operation temperature range (-50°C~+70°C), higher tolerability and no electrolyte replacing, this type of battery will be the first solution for many industrial fields.

- Renewable energy
- Power plant
- Road and railway Transportation
- Oil and gas
- Utilities
- General industries
- Telecommunication networks
- Mining infrastructure
- Aviation infrastructure
- Power sub-station

Series	Characteristics
KGL	Low discharge rate batteries are suitable for discharge current lower than 0.5I _A . Capacity Range: 10-1000Ah



Nickel Iron Battery

CEC Nickel Iron batteries have been used as energy storage solution for power stations, UPS, solar photovoltaic etc. CEC batteries started and developed these hundred years old technologies for more than 30 years, with more than 1500 cycles of 100% D.O.D. Changhong nickel iron battery meets most harsh environmental conditions.

Its environmental friendly character has gain reputation from customers with good performance in hundreds of new energy projects.



- Navigation
- Offshore
- Communication infrastructure
- Oil and gas platform
- Remote residential application
- Emergency lighting
- Traffic lighting
- Power sub-station

Series	Characteristics
NF/TN	Environmental friendly and good performance in power storage applications. More than 20 years of service. Over 1500 cycles with 100% D.O.D. Capacity Range: 10-1200Ah



Lithium Iron Phosphate Battery

With the imported technology from Japan and the research team of BMS, CEC provides whole Lithium battery solutions, i.e. batteries, BMS, battery checking and technical support.

50 million ampere-hours annual capacity secures the supply ability.

- Navigation
- Offshore
- Communication infrastructure
- Aviation
- Power storage
- Motive power



Series	Characteristics
High Energy	Provide long-time power back up for low power demand.
High Power	Combined high power and high energy in one system, especially for those appliance which need high discharge rate.
Super-high Power	This technology provides high discharge rate, low temperature discharge and capacity recovery solution.



Power System-Power Equipment

CEC power system products consists five parts, charge & discharge device, maintenance device, power system, BMS device and flight control device.

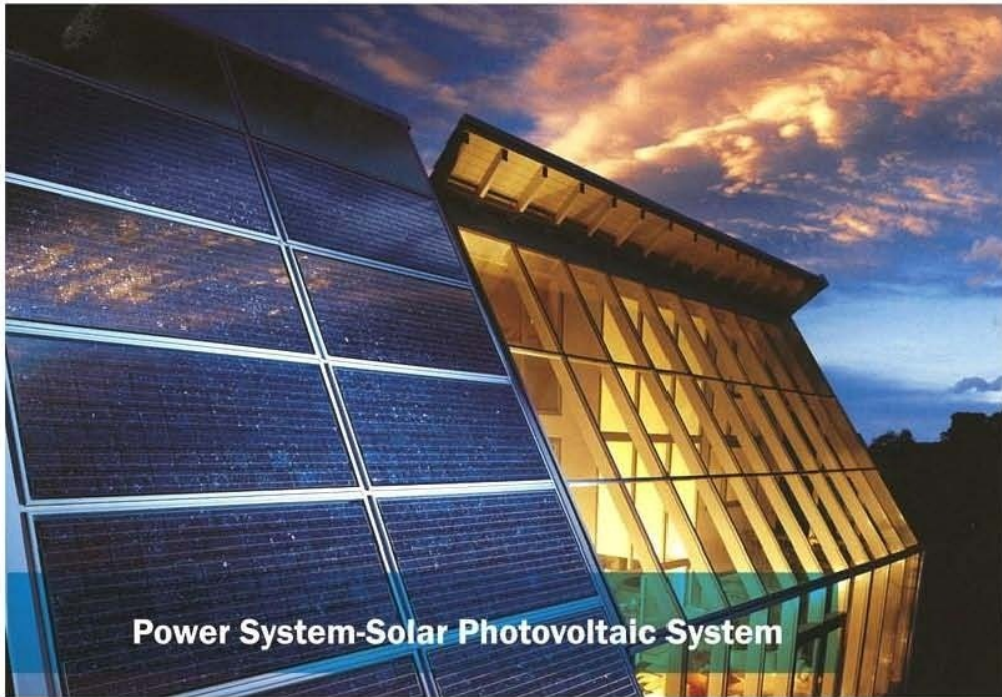
15 years of research history, CEC battery's power system team has successfully done and is working for 36 R&D projects.

National honors for Main Battery System and Emergency power system for Flight control which are installed on J-10 military aircraft.

- Ground maintenance
- On board
- Power control
- Emergency

Series	Characteristics
Main Battery System	Main battery + Airborne Charger
Emergency power system	For flight control System, main battery system for aviation, flight lighting and engine start
Battery Management System	For battery management, especially for Lithium based battery pack
Charger	For battery's charge and discharge
Maintenance Device	For checking and maintain battery banks





Power System-Solar Photovoltaic System

CEC solar photovoltaic system mainly to support those remote areas which city power can hardly reach.

- Clean energy
- Monitoring station
- Signal lighting
- Portable power:

