

Our Ability

Chogori has extended its waterproof connector product offerings in chargers, batteries, motors, displays, speedsensors & splitters for use in eBikes.

Chogori connectors offer long mechanical life, high current rating, reliability in vibrating environment and push lock mechanisms for plugs and receptacles.

Chogori shows great flexibility in its design and lean operation capabilities to offer customized connectors and complete cable assembly solutions for its eBike customers.



Area: 12000 m²
Employees: 500 people
Capacity: 10000000 pcs/month

Certificate:
TS16949
ISO9001:2008



www.chogori-tech.com



Connectivity Solution for E-Bike & E-scooter



Focused on Your Connections

Connectivity Solution for E-bike

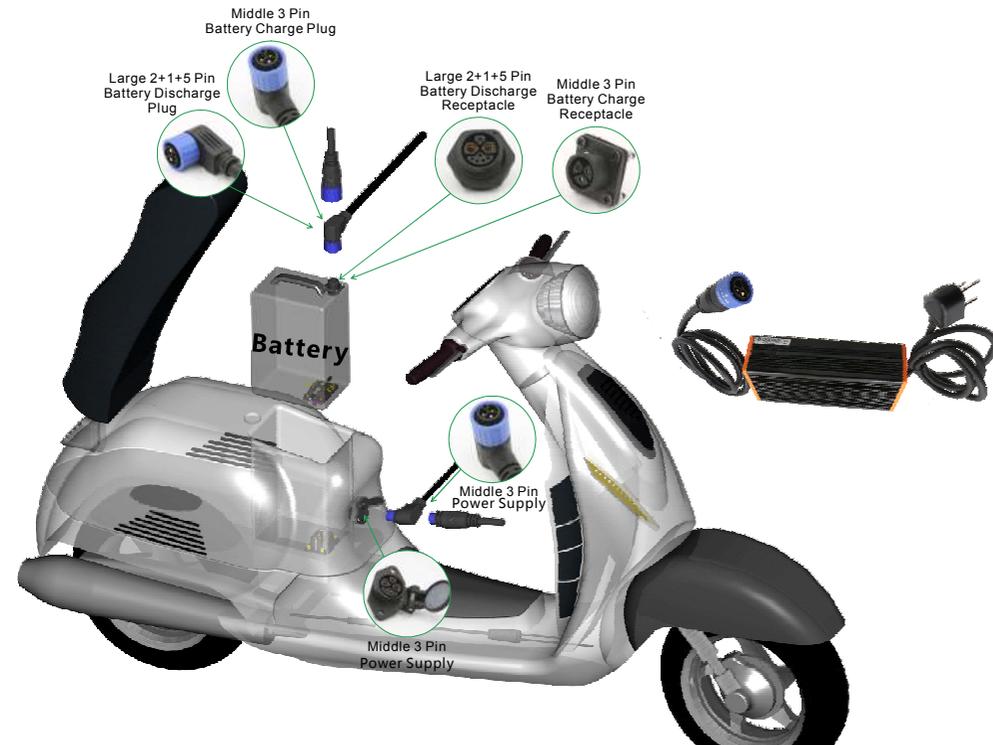
Our Solutions:



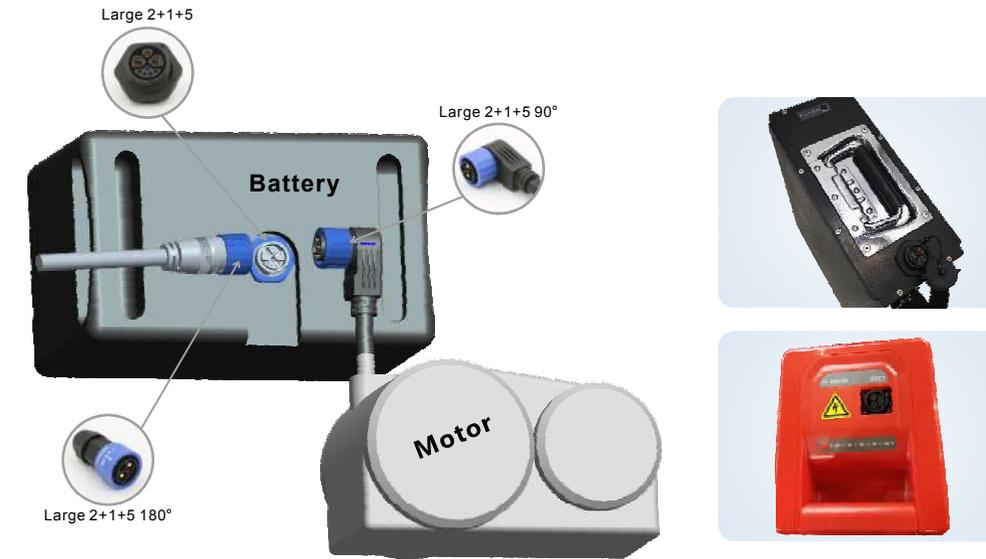
Connection	Charging Port	Battery		Charger	Motor	Display	Speedsensor
Product Series	Large Series	Large Series	Middle Series	Middle Series	Micro Series	Micro Series	Micro Series
Photos							
Pin Number	2+4Pin ^C	2+4Pin	2+3Pin	3Pin	2+2Pin	2Pin	2/3/4/5/6Pin
Rating Current	50A+5A	50A+5A	15A+2A	20A	10A+2A	2A	2A
Rating Voltage(DC)	300V	300V	125V	300V	60V		
Mating Cycle	500 Times				200 Times		
Operating Temperature	-45~-105 °C				-25~-80 °C ^C		
IP Rating	IP67/IP68				IP66 ^C		
Cable Spec	14AWG+24AWG (2.0mm ² +0.2mm ²)	14AWG+24AWG (2.0mm ² +0.2mm ²)	17AWG+24AWG	14AWG(2.5mm ²)	1.0mm ² +0.2/0.14mm ²	0.14/0.2mm ²	0.14/0.2mm ²

Connection	Battery		Battery Charging&Discharging				
	FC Series	FC Series	Large Series		Middle Series		
Product Series	FC Series	FC Series	Large Series	Large Series	Middle Series	Middle Series	Middle Series
Photo							
Pin Number	3+8Pin	3+10Pin	2+1+5pin	2+4Pin	2+3Pin	3+5Pin	3Pin
Rating Current	30A+2A	60A+2A	50A+15A+5A	50A+5A	20A+5A	15A+2A	20A
Rating Voltage(DC)	48V DC	48V DC		300V		125+30V	300V
Mating Cycle	5000 Times		500 Times				
Operating Temperature	-40°C ~ 85°C		-45°C ~ 105°C				
IP Rating	/	/	IP67				
Cable Spec	12AWG+22AWG	12AWG+22AWG	(22AWG/5C+TA) +16AWG/1C +9AWG/2C+TP PVC	4*24AWG+Medium Sheath +2*6.00mm²+TP PVC Cable	14AWG+24AWG (2.0mm²+0.2mm²)	17AWG+24AWG 1.0mm²+0.25mm²	14AWG(2.0mm²)

Solutions (1) Battery having different interfaces for charging and discharging



Solutions (2) Single connector interface for both charging and discharging



Solutions (3)

Main Features :

1. With automatic floating function to ensure connection reliability between connector and battery.
2. Using Chogori's patented Newsok contact, it can withstand big current, vibrations and with mating cycles up to 10,000.
3. Free plug style, very convenient in loading and removing battery.

