



EV CHARGING PRODUCT CATALOG

CHARGE ADAPTER | EXTENSION CABLE | CHARGING STATION



BRIDGE EVERY STANDARD.
POWER EVERY JOURNEY.

2026/2027

HEAD OFFICE & MANUFACTURING

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2026/2027

POWER EVERY JOURNEY. **CSO ENERGY**



WHO WE ARE

CSO Energy is a specialized manufacturer with 10+ years of expertise in high-reliability EV charging hardware. We design and build heavy-duty AC/DC adapters that seamlessly connect North American, European, and GB/T standards.

Through our direct factory operations, we deliver guaranteed quality, competitive B2B pricing, and full **OEM/ODM** solutions to global distributors, CPOs, and auto importers.

VISION AND VALUES

MAXIMIZE YOUR MARGIN. FACTORY RELIABILITY, CONNECT ANY EV ANYWHERE.

WHY PARTNER WITH CSO ENERGY?

- **10+ Years Industry Experience:** Proven track record in EVSE manufacturing and international supply chain management.
- **Factory-Direct Pricing:** Direct manufacturing access guarantees maximum profit margins for wholesale distributors.
- **Custom OEM/ODM Branding:** Custom logo laser-engraving, tailored packaging, and specialized housing options for bulk orders.
- **Strict Compliance:** Designed in accordance with CE, FCC, RoHS, and international EVSE testing benchmarks for hassle-free local compliance.

— Why Choose CSO ENERGY —

Premier EV charging adapter manufacturer delivering certified safety, ultimate compatibility, and direct factory value.



10+ Years Expertise

Deep R&D and manufacturing background in commercial EV charging equipment.



UL & TÜV Compliance

Built under strict ISO 9001 systems with North American and European certifications.



Direct Factory Margins

Competitive tier-1 wholesale pricing direct from factory with zero middlemen.



Proven Global Scale

1,000+ B2B Clients | 30+ Countries Served
50,000+ Annual Capacity | 100+ Patents & Certs



Fast Flexible Delivery

Maintained ready-to-ship stock and agile production for stable supply chains.



Custom OEM Support

Full OEM/ODM services from custom logos and packaging to prototyping.

Scalable & Standardized Production Lines



High-Precision Advanced Machinery



100% In-House Testing & Quality Assurance



— Global Certifications & Quality Assurance —

Strict Quality Control Compliant with CE, FCC, RoHS, and International Safety Standards



UL WITNESS TEST DATA PROGRAM
CSO



TÜV CERTIFIED - CSO ENERGY



ISO 9001 CERTIFIED - CSO ENERGY



ISO 14001 CERTIFIED - CSO ENERGY



OHSAS 18001 CERTIFIED - CSO ENERGY

HONORS AND QUALIFICATIONS

ADVANTAGE

QUALITY ASSURANCE GLOBAL CERTIFICATIONS TRUSTED PARTNER



HOT SELLING

400A HIGH POWER (DC)



CCS2 to GB/T (DC) 400A

32A AC (1&3 PHASE)



Type 2 to GB/T (AC) 1 phase& 3 phase

EU to US EV



CCS2 to CCS1 Adapter CCS2 to NACS Adapter

CHARGE ADAPTER

NORTH AMERICA



J1772 to NACS (AC) NACS to J1772 (AC)



CCS1 to NACS (DC) NACS to CCS1 (DC)

EUROPE & GLOBAL



CCS2 to NACS (DC) Type 2 to NACS (AC)



NACS to TYPE 2 (AC) Type 2 to J1772 (AC)

CHINA EV EXPORT



CCS2 to GB/T (DC) Type 2 to GB/T (AC)



CCS1 to GB/T (DC) J1772 to GB/T (AC)

EXTENSION CABLE

NORTH AMERICA



J1772 To NACS J1772 Extension Cord



J1772 Charging Gun NACS Charging Gun

EUROPE & GLOBAL



Type 2 to J1772 Extension Type 2 to NACS Extension



Type 2 Extension Cord Type 2 Charging Gun

CHINA EV EXPORT



Type 2 to GB/T Extension Type 2 to GB/T Cable



GB/T AC Charging Gun Cable

HOT SELLING - DC FAST CHARGING 400A

CCS2 to GB/T (DC)

DC CHARGE ADAPTER



400A DC MAX CURRENT | **1000VDC** MAX VOLTAGE | **IP54** WATERPROOF | **-30°C~+50°C** OPERATING TEMP.

APPLICATION



TECHNICAL DATA

Rated Current	400A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	2.22kg
Product Size	284.5*94.0*171.4mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

TECHNICAL DATA

Rated Current	400A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	2.15kg
Product Size	338*170*115mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

CCS2 to GB/T (DC) -display screen

HOT SELLING -1&3 phase adaptor



Type 2 to GB/T AC (3 phase)

APPLICATION



TECHNICAL DATA

Rated Current	32A Max
Rated Voltage	380V AC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.42kg
Product Size	178*65.7*65.7mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

TECHNICAL DATA

Rated Current	32A Max
Rated Voltage	250V AC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.37kg
Product Size	178*65.7*65.7mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

Type 2 to GB/T AC (1phase)

HOT SELLING - CCS2 to CCS1

CCS2 to CCS1 DC+AC

DC+AC CHARGE ADAPTER



32A
MAX CURRENT

380V AC
MAX VOLTAGE

IP54
WATERPROOF

-30°C~+50°C
OPERATING TEMP.

APPLICATION



TECHNICAL DATA

Rated Current	250A DC/80A AC
Rated Voltage	1000VDC/2500VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.85kg
Product Size	149.9*68.3*109.2mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

TECHNICAL DATA

Rated Current	250A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.73kg
Product Size	149.9*68.3*103.2mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

HOT SELLING - CCS2 to NACS

CCS2 to NACS DC+AC



APPLICATION



TECHNICAL DATA

Rated Current	250A DC/80A AC
Rated Voltage	1000VDC /250VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	1.06kg
Product Size	150.2*69.6*100.2mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

TECHNICAL DATA

Rated Current	200A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.77kg
Product Size	139*62.3*92mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

CCS2 to NACS DC with Lock



EV Charging Adapter **Extension Cable**

J1772 to NACS (AC)

AC CHARGE ADAPTER





80A
MAX CURRENT

250VAC
MAX VOLTAGE

IP54
WATERPROOF

-30°C~+50°C
OPERATING TEMP.

APPLICATION



TECHNICAL DATA

Rated Current	60 A/80 A
Rated Voltage	250VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.19kg
Product Size	87.4*50.96*60.76mm

OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL Certificates

TECHNICAL DATA

Rated Current	Max 80 A
Rated Voltage	250VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.42kg
Product Size	127.7*55*77.21mm

OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL Certificates

NORTH AMERICA ADAPTER





CCS1 to NACS (DC)





NACS to CCS1 (DC)

APPLICATION



TECHNICAL DATA

Rated Current	300A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	1.055kg
Product Size	159.6*85.09*123.32mm

OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL Certificates

TECHNICAL DATA

Rated Current	400A DC
Rated Voltage	1000V DC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Surface treatment	Silver plated
Operating Temp.	-30°C~+50°C
Product Size	126.4*70.1*101.67mm

OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL Certificates

- 9 -

- 10 -

CCS2-NACS (DC)

DC CHARGE ADAPTER



250ADC

1000VDC

IP54

-30°C~+50°C

MAX CURRENT

MAX VOLTAGE

WATERPROOF

OPERTATING TEMP.



Type 2 to NACS (AC)

APPLICATION



Home Charging



Public Charging



Destination Charging

TECHNICAL DATA

Rated Current	250A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.87kg
Product Size	150.15*69.6*100.22mm

 OEM / ODM

TUV Certificates

Custom LOGO/ Color /Package/Cable

TECHNICAL DATA

Rated Current	Max 80 A
Rated Voltage	250VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.34kg
Product Size	119.9*62.5*62.5mm

 OEM / ODM

TUV Certificates

Custom LOGO/ Color /Package/Cable

EUROPE & GLOBAL ADAPTER



NACS to Type 2 (AC)



Type 2 to J1772 (AC)

APPLICATION



Home Charging



Public Charging



Destination Charging

TECHNICAL DATA

Rated Current	32A
Rated Voltage	250VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.42kg
Product Size	222.37*69.5*87.38mm

 OEM / ODM

TUV Certificates

Custom LOGO/ Color /Package/Cable

TECHNICAL DATA

Rated Current	32A Max
Rated Voltage	250V AC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Surface treatment	Silver plated
Operating Temp.	-30°C~+50°C
Product Size	172.54*64.69*74.82mm

 OEM / ODM

TUV Certificates

Custom LOGO/ Color /Package/Cable

CCS2 to GB/T (DC)

DC CHARGE ADAPTER

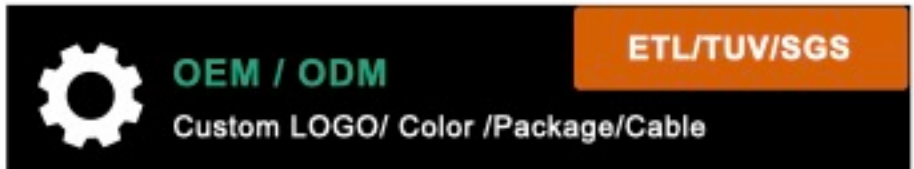


APPLICATION



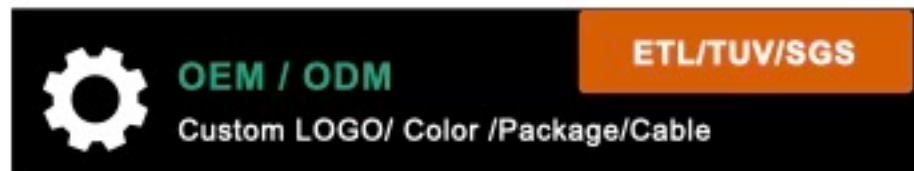
TECHNICAL DATA

Rated Current	300A DC
Rated Voltage	1000V DC
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	1.88kg
Product Size	294.39*95.48*145.39mm



TECHNICAL DATA

Rated Current	250A Max
Rated Voltage	1000V DC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	1.44kg
Product Size	282.18*95.48*143.81mm



CHINA EV EXPORT ADAPTER



Type 2 to GB/T (AC) 3 phase



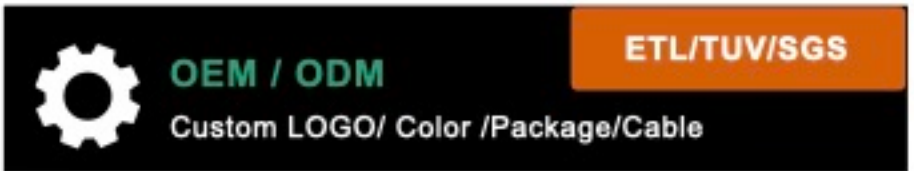
J1772 to GB/T (AC)

APPLICATION



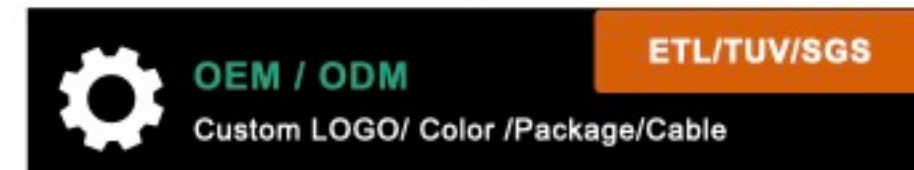
TECHNICAL DATA

Rated Current	32 A Max
Rated Voltage	380VAC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Operating Temp.	-30°C~+50°C
Net Weight	0.42kg
Product Size	178*64.69*64.69mm



TECHNICAL DATA

Rated Current	32A Max
Rated Voltage	250V AC Max
Waterproof	IP54(after mating)
Shell Material	Thermoplastic
Conductor Material	Copper Alloy
Surface treatment	Silver plated
Operating Temp.	-30°C~+50°C
Product Size	165.55*56mm



EXTENSION CABLE



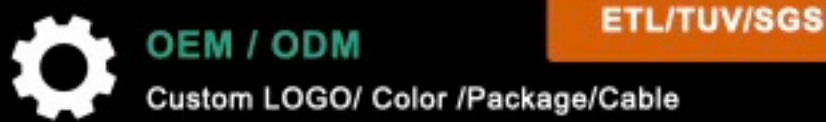
J1772 to NACS Extension Cord

APPLICATION



TECHNICAL DATA

Rated Current	16A/32A/40A/48A/80A
Rated Voltage	240VAC
Waterproof	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



EXTENSION CABLE



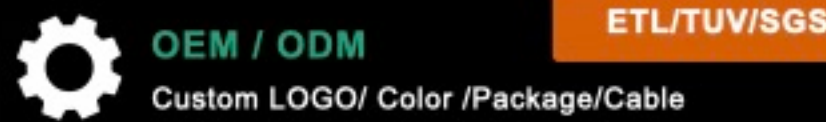
J1772 Extension Cord

APPLICATION



TECHNICAL DATA

Rated Current	16A/32A/40A/48A/80A
Rated Voltage	110VAC/240VAC
Waterproof:	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



J1772 Charging Gun Cable

TECHNICAL DATA

Rated Current	16A-80A
Rated Voltage	110V / 240VAC
Waterproof	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



NACS Charging Gun Cable

TECHNICAL DATA

Rated Current	16A-80A
Rated Voltage	110V / 240VAC
Waterproof:	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



EXTENSION CABLE



Type 2 to J1772 Extension Cord

APPLICATION



Home Charging



Public Charging



Destination Charging

TECHNICAL DATA

Rated Current	16A/32A
Rated Voltage	250VAC
Waterproof	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finish Product Size	5000 ± 100 mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS



Type 2 Extension Cord

TECHNICAL DATA

Rated Current	16A /32A (1&3 phase)
Rated Voltage	250Vac/ 380VAC
Waterproof	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

EXTENSION CABLE



Type 2 to NACS Extension Cord

APPLICATION



Home Charging



Public Charging



Destination Charging

TECHNICAL DATA

Rated Current	16A/32A/40A/48A/80A
Rated Voltage	240VAC
Waterproof:	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS



Type 2 Charging Gun

TECHNICAL DATA

Rated Current	16-63A
Rated Voltage	250V AC
Waterproof:	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



OEM / ODM
Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS



TYPE 2 to GB/T Extension

APPLICATION



Home Charging



Public Charging



Destination Charging

TECHNICAL DATA

Rated Current	16A /32A (1&3 phase)
Rated Voltage	250VAC
Waterproof	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finish Product Size	5000 ± 100 mm



OEM / ODM

Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS



TYPE 2 to GB/T Cable

TECHNICAL DATA

Rated Current	16A /32A (1&3 phase)
Rated Voltage	250VAC /380VAC
Waterproof	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



OEM / ODM

Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS



GB/T AC Charging Gun Cable

APPLICATION



Home Charging



Public Charging



Destination Charging

TECHNICAL DATA

Rated Current	16-63A
Rated Voltage	250VAC
Waterproof:	IP54(after mating)
Fireproof Grade	UL94V-O
Mechanical Life	Unloaded Plugged:10K
Operating Temp.	-30°C~+50°C
Package Weight	3.5~4.5kg
Finished Product Size	5000 ± 100 mm



OEM / ODM

Custom LOGO/ Color /Package/Cable

ETL/TUV/SGS

	American Standard	Japanese Standard	European Standard	National Standard	
Alternating Current (AC)					
	J1772 (Type 1)	J1772 (Type 1)	Type 2	GBT	
Direct Current (DC)					
	CCS1	CHAdeMO	CCS2	GBT	NACS AC & DC Integrated

Customize Your Exclusive Charging Solutions Today!