MJTbility

Smart Charge Anytime Anywhere..

PORTABLE EV CHARGER

3kW to 7kW

JT MOBILITY PVT. LTD.

WWW. JT-MOBILITY.COM

TYPE 1 SAE J1772 SINGLE PHASE (3kW / 7kW)

JT Mobility Type 1 SAE J1772 Smart portable chargers allow you to charge on the go from all types of sockets, from the usual socket to the industrial CEE-32A. It has the new generation practical display that shows the charging current, voltage at each phase, power, and temperature. All JT Mobility portable chargers allow you to set the charging current according to the circuit breaker and ensure that the circuit breaker will not trip during charging. All portable chargers are equipped with protective elements to ensure the complete safety of the car and the charger. Portable Mode 2 charging cable for connection EV to an ordinary domestic socket. Drivers can charge electric cars from a domestic socket in an emergency. Communication between vehicle and charging port is provided via a box connected between the vehicle plug and connector plug called ICCB (In-Cable Control Box).

TYPE 1 SAE J1772 SINGLE PHASE) PORTABLE CHARGER

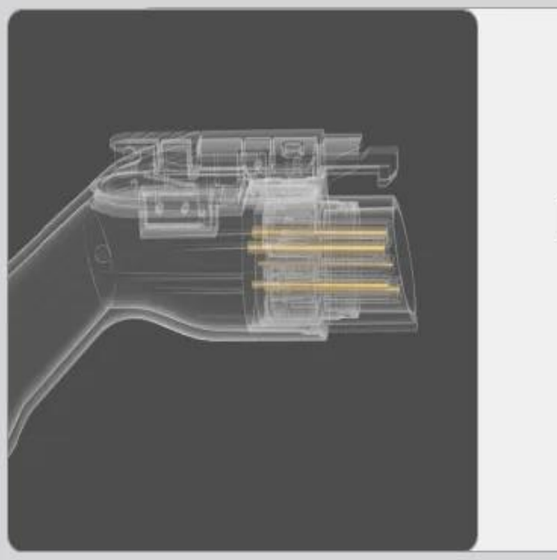
PRODUCT FEATURES

Adjustable Current

Can choose an appropriate charging current from 8A/10A/13A/16A according to the demand

Cables Made of TUP

TPU Cable material,more resistant to abrasion and high temperature and cold weather



EV Charging Plug

Silver plating treatment
Tempature monitoring

Automatically Repair

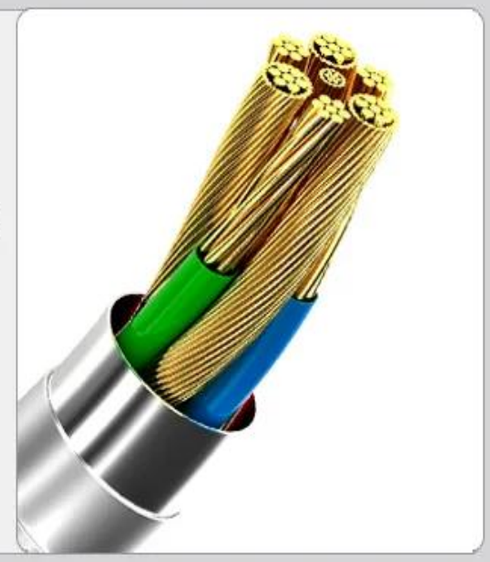
The smart chip is equipped to automatically repair and restart from comman charging errors.

LED Display

LED display could show the real-time charging status, Including time,Voltage,current,power and temperature. The charger equipped APP function will display the same content on the APP

Enviromental TPU Cable

International enviromental standards
Cold and high temperature resistant
Long service life

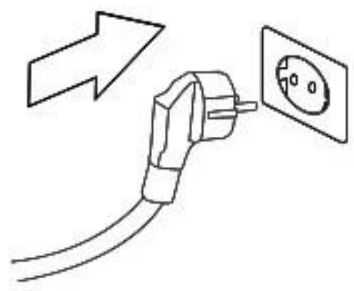


SPECIFICATIONS

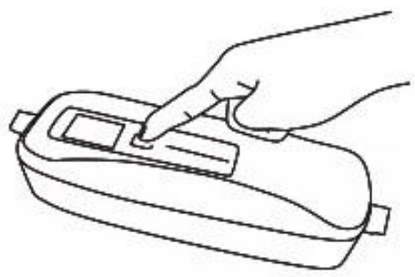
Part Code	**JTCCM2T1CE1P1A05-2**	**JTCCM2T2NE1P1A05-1**
Standard	SAE J1772 Type 1	SAE J1772 Type 1
Plug Type	Type-1 Female	Type-1 Female
Used at	Vehicle Side	Vehicle Side
No Of Phase	Single	Single
Rated Current	32A	16A
Operation Voltage	100-250V	100-250V
Insulation Resistance	>1000MΩ(DC500V)	>1000MΩ(DC500V)
Contact Resistance	0.5 megohm MAX	0.5 megohm MAX
Temperature Resistance	<50K	<50K
Operating Temperature	-30C to +65C	-30C to +65C
Impact Insertion Force:	>300N	>300N
Protection Degree	IP55 – Mated (Plug)	IP55 – Mated (Plug)
Mating Cycles	>10000	>10000
Contact Pin	Copper Alloy, Silver or Nickel Plating	Copper Alloy, Silver or Nickel Plating
Shell material	Thermoplastic	Thermoplastic
Sealing gasket	Rubber or silicon rubber	Rubber or silicon rubber
Supply Connector	CEE – 32Amp	NEMA – 16Amp
IC-CPD Standard	IEC 62752	IEC 62752
IC-CPD Enclosure Material	ABS	ABS
IC-CPD Rated Current (Max)	32A	16A
IC-CPD Operating Voltage	100-250V	100-250V
IC-CPD LCD Display	YES	YES
IC-CPD Protection Degree	IP 65	IP 65
Overvoltage Protection	YES	YES
Short-circuit Protection	YES	YES
Overcurrent Protection	YES	YES
Flame Retardant Grade	UL94 V-0	UL94 V-0
Cable Nominal Conductor Size (Sq. mm)	3 Core x 6.0 Sq. mm 1 Core x 0.75 Sq. mm	3 Core x 2.5 Sq. mm 1 Core x 0.5 Sq. mm
Approx. Diameter Cable (mm)	15.0 ± 0.50	10.0 ± 0.50
Cable Outer Sheathing	Thermoplastic polyurethane (TPU)	Thermoplastic polyurethane (TPU)
Cable Length	5 Meter	5 Meter
		

USER GUIDE

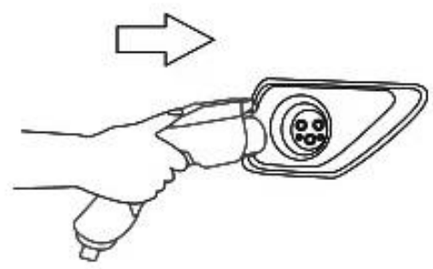
START



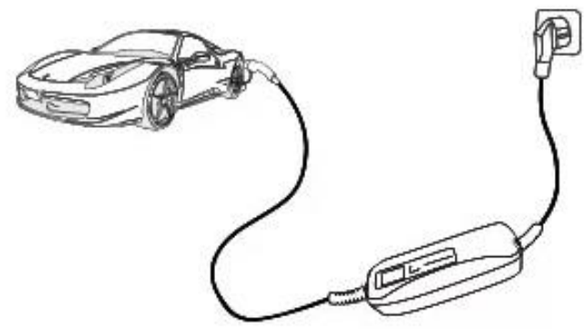
1. Plug the power plug (wall end) into the wall socket.



2. Switch to the correct use current.

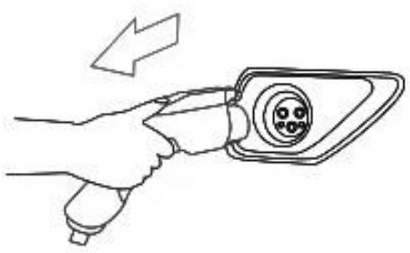


3. Insert the charging plug (car end) into the charging socket on the car.

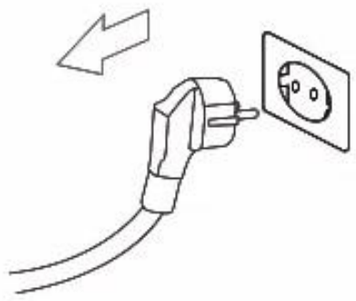


4. Start charging...

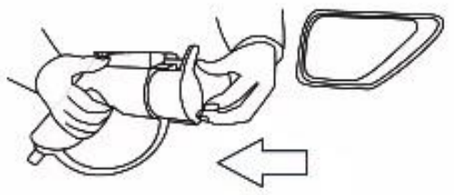
FINISH



1. Pull out the charging plug (car end).



2. Pull out the power plug (wall end).



3. Organize and place charging equipment.

◆ NOTE:

- Please select a suitable charging current in the charging gun, the current cannot be switched during the charging process.
- After the charging plug (car end) is disconnected from the vehicle, pull out the power plug (wall end) to prevent others from touching it.

	LED Display Status			
Condition	Green(One)	Green (Two)	Green (Three)	Fault (Red)
Initial Mode	Light on	Lights Out	Lights Out	Lights Out
Connected mode	Light on	Twinkle (1S)	Lights Out	Lights Out
Charging Mode	Racing light	Racing light	Racing light	Lights Out
Finished Mode	Light On	Light On	Light On	Lights Out
Fault Mode	Lights Out	Lights Out	Lights Out	Twinkle

Warranty

We provide free lifetime technical support for all our products and 1 Year warranty from original purchase date. JT Mobility Pvt. Ltd., ensure the production of portable charging line are through strict quality inspection, we always stands behind the quality of every product we design and sell, and we are committed to your satisfaction. Warranty is not applicable on any type of physical damage or used in nonstandard condition.

NOTE:

- Please check if the device is intact and items are accordance with the packing list when you receive the package.
- Power-supply side input cable should be at least 3x6mm ^{2} for 32Amp (7.3kW) and 3x2.5mm ^{2} for 16Amp (3.7kW)
- Power distribution must be done by the professionals.
- Do not submerge the control box or charging connector in water, and don't step on, pull, fold or knot the cable.
- Ensure charging connector, plug, cable and control box are free of any abnormalities such as scratches, rusts, cracks.
- Don't charge if the socket is damaged, rusted, cracked or loosely connected.
- Ensure power plug and socket are consistent before charging.
- Do not place the charging cable near high temperature object when it is working.

JT Mobility

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JT Mobility Pvt. Ltd. is a Mumbai, India based manufacturer company. We design, develop and manufacture of electric vehicle charging components, we are specialized in various Electric vehicle portable chargers, sockets, charging cables, plug & connectors to national and international standards. We offer our customers the right accessories for charging e-vehicles, as well as expert advice on optimal product solutions. JT Mobility Pvt. Ltd. is also an associated company of Jayani Technologies LLP est. in 2011, Mumbai India.

Our vision is to transform India with the leading technology and to provide cost effective products and solution to people and to provide new technology/ knowledge/ innovation-based solutions for electric vehicles. Also provide a platform for speedy commercialization of technology at competitive prices, Apart from supporting EV manufacturers and automotive R&D companies, we also assist them in the planning and building process, as well as development of charging infrastructure tailored to their needs.

Our Commitment

JT Mobility is committed to becoming a world-class provider of cable solutions for new energy vehicles, and a leader in the EV charging cable products & solution.

Our Vision

To create versatile cutting-edge solutions for all automotive industries

Our Mission

To provide ingenious, virtuous, and energy-efficient solutions.

Our Values

Respect, professionalism, and determination are the values that are the foundation of our culture

CONTACT-US

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