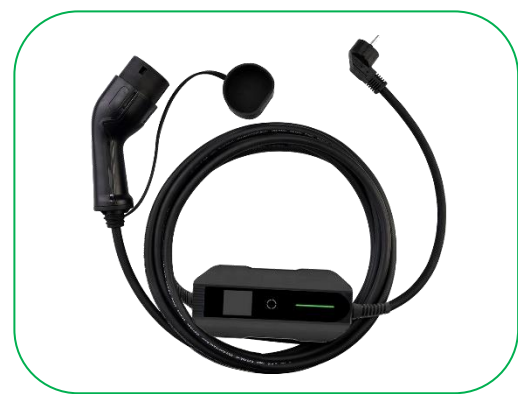


## DATA-SHEET

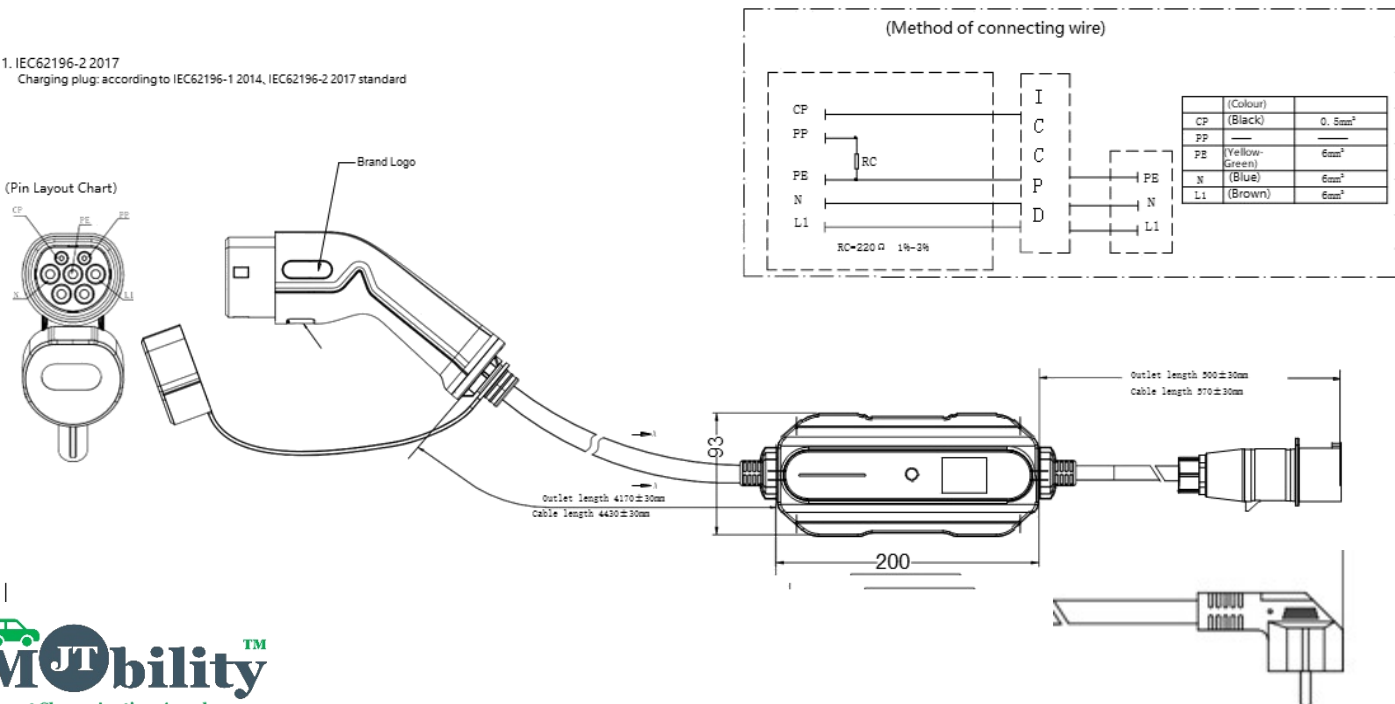


JT Mobility Type 2 IEC 62196-2 Smart portable chargers allow you to charge on the go from all types of sockets, from the usual socket to the industrial CEE-32A. It has the new generation practical display that shows the charging current, voltage at each phase, power, and temperature. All JT Mobility 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).

## KEY FEATURES

- moulded Plug with Temperature Sensor
- IP 66 Rated
- Non-Flammable Strong Polyamide Material, More Environmentally Friendly and Halogen Free
- Recognition of Dangerous Voltage on the Protective Conductor
- Protective Conductor Monitoring (PCM)
- Power Failure Monitoring
- Thermal Monitoring
- Integrated Vehicle Communication Module (PWM)

1. IEC62196-2 2017  
Charging plug: according to IEC62196-1 2014, IEC62196-2 2017 standard



# PORTABLE ELECTRIC CAR CHARGER TYPE 2 IEC 62196-2 SINGLE PHASE

| SPECIFICATIONS                        |  |   |   |
|---------------------------------------|--|---|---|
| Part Code                             | JTCCM2T2CE1P1A05-2                       | JTCCM2T2EU1P1A05-1                      | JTCCM2T2T51P1A05-1                      |
| Standard                              | IEC 62196-2                              | IEC 62196-2                             | IEC 62196-2                             |
| Plug Type                             | Type-2 Female                            | Type-2 Female                           | Type-2 Female                           |
| Used at                               | Vehicle Side                             | Vehicle Side                            | Vehicle Side                            |
| No Of Phase                           | Single                                   | Single                                  | Single                                  |
| Rated Current                         | 32A                                      | 16A                                     | 16A                                     |
| Operation Voltage                     | 100-250V                                 | 100-250V                                | 100-250V                                |
| Insulation Resistance                 | >1000MΩ(DC500V)                          | >1000MΩ(DC500V)                         | >1000MΩ(DC500V)                         |
| Contact Resistance                    | 0.5 megohm MAX                           | 0.5 megohm MAX                          | 0.5 megohm MAX                          |
| Temperature Resistance                | <50K                                     | <50K                                    | <50K                                    |
| Operating Temperature                 | -30C to +65C                             | -30C to +65C                            | -30C to +65C                            |
| Impact Insertion Force:               | >300N                                    | >300N                                   | >300N                                   |
| Mating Cycles                         | >10000                                   | >10000                                  | >10000                                  |
| Contact Pin                           | Copper Alloy, Silver or Nickel Plating   | Copper Alloy, Silver or Nickel Plating  | Copper Alloy, Silver or Nickel Plating  |
| Shell material                        | Thermoplastic                            | Thermoplastic                           | Thermoplastic                           |
| Sealing gasket                        | Rubber or silicon rubber                 | Rubber or silicon rubber                | Rubber or silicon rubber                |
| Supply Connector                      | CEE – 32Amp                              | Schuko – 16Amp                          | Type-5 , 3 Pin – 16Amp                  |
| IC-CPD Standard                       | IEC 62752                                | IEC 62752                               | IEC 62752                               |
| IC-CPD Enclosure Material             | ABS                                      | ABS                                     | ABS                                     |
| IC-CPD Rated Current (Max)            | 32A                                      | 16A                                     | 16A                                     |
| IC-CPD Operating Voltage              | 100-250V                                 | 100-250V                                | 100-250V                                |
| IC-CPD LCD Display                    | YES                                      | YES                                     | YES                                     |
| IC-CPD Protection Degree              | IP 66                                    | IP 65                                   | IP 65                                   |
| Overvoltage Protection                | YES                                      | YES                                     | YES                                     |
| Short-circuit Protection              | YES                                      | YES                                     | YES                                     |
| Overcurrent Protection                | YES                                      | YES                                     | YES                                     |
| Flame Retardant Grade                 | UL94 V-0                                 | 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 | 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                             | 10.0 ± 0.50                             |
| Cable Outer Sheathing                 | Thermoplastic polyurethane (TPU)         | Thermoplastic polyurethane (TPU)        | Thermoplastic polyurethane (TPU)        |
| Cable Length                          | 5 Meter                                  | 5 Meter                                 | 5 Meter                                 |