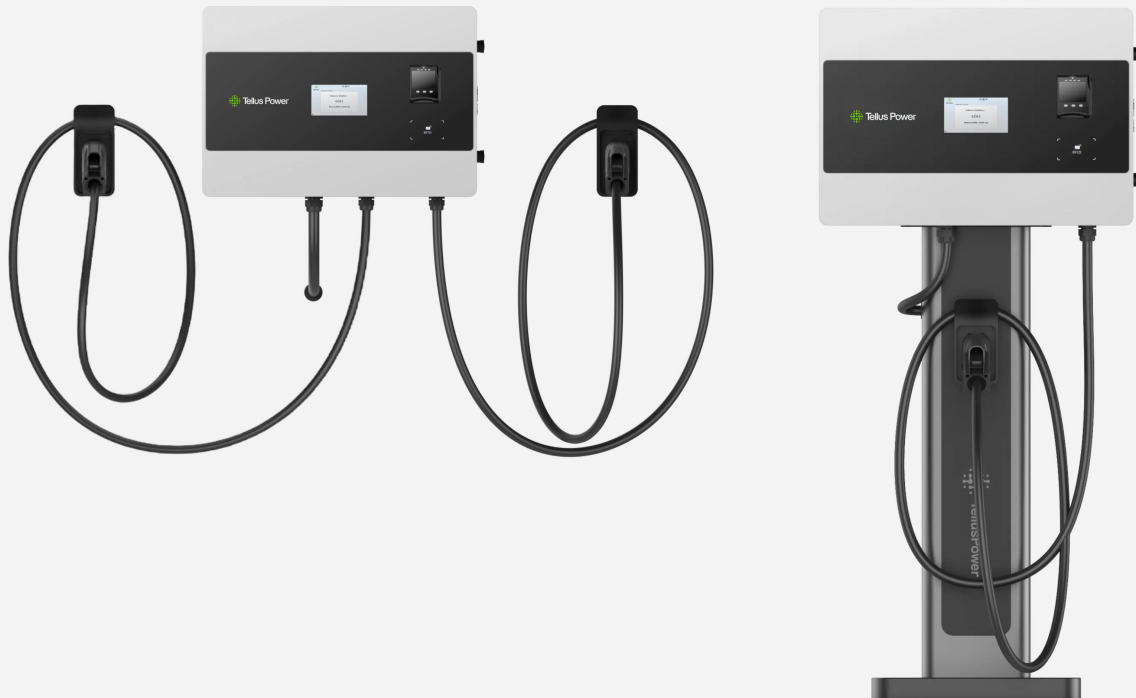


# REGULAR DC CHARGER, SINGLE & DUAL

## 30KW — 40KW

🔌 WALL MOUNTED OR STAND PEDESTAL

📄 PRODUCT DATASHEET / MAY 2026



📊 Reliable

Product  
Reliability

# 99%

☁️ Cloud Enabled

Monitoring  
& Assistance

# 24/7

⚙️ Built To Last

Service  
Life

# 10Yr

### 🔑 KEY FEATURES

- ↳ Single tethered connector, available as wall-mounted or stand-mounted
- ↳ Supports dynamic load balancing and static load management
- ↳ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ↳ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ↳ Integrated PME fault detection
- ↳ Three-phase connection
- ↳ 2-year warranty

REGULAR DC CHARGER, SINGLE & DUAL

⌵ 30kW

⌵ 40kW

⌵ 40kW, DUAL

| PRODUCT CODE                        | TP-EVPD030KS                                                                                                                                                                                                                                                                                                              | TP-EVPD040KS              | TP-EVPD040KW                   |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------|
| ⌵ ELECTRICAL INPUT                  |                                                                                                                                                                                                                                                                                                                           |                           |                                |
| Supply System                       | 3P+N+PE, TN/TT                                                                                                                                                                                                                                                                                                            |                           |                                |
| Supply Voltage                      | 400 V AC (±15%)                                                                                                                                                                                                                                                                                                           |                           |                                |
| Supply Frequency                    | 50/60 ±1 Hz                                                                                                                                                                                                                                                                                                               |                           |                                |
| Rated Input Current                 | 50 A                                                                                                                                                                                                                                                                                                                      | 65 A                      | 65 A                           |
| Power Factor                        | ≥0.98 at 50 – 100% output power                                                                                                                                                                                                                                                                                           |                           |                                |
| THD                                 | <5% at 50 – 100% full load                                                                                                                                                                                                                                                                                                |                           |                                |
| Charging Efficiency                 | ≥96% at nominal output power                                                                                                                                                                                                                                                                                              |                           |                                |
| ⌵ ELECTRICAL OUTPUT                 |                                                                                                                                                                                                                                                                                                                           |                           |                                |
| Output Voltage Range                | 150–1000 V DC                                                                                                                                                                                                                                                                                                             |                           |                                |
| Maximum Current                     | 80 A                                                                                                                                                                                                                                                                                                                      | 125 A                     | 100 A                          |
| Maximum Power                       | 30 kW                                                                                                                                                                                                                                                                                                                     | 40 kW                     | 40 kW (2 x 20 kW simultaneous) |
| Maximum Power                       | –                                                                                                                                                                                                                                                                                                                         | –                         | 40 kW                          |
| Conector Type                       | CCS2 / GBT / CHAdeMO                                                                                                                                                                                                                                                                                                      |                           |                                |
| Number of Connectors / Outputs      | 1                                                                                                                                                                                                                                                                                                                         | 1                         | 2                              |
| Cable Length                        | 5 m, others optional                                                                                                                                                                                                                                                                                                      |                           |                                |
| ⌵ CONNECTIVITY AND COMMUNICATION    |                                                                                                                                                                                                                                                                                                                           |                           |                                |
| Network Connectivity                | Ethernet (RJ45) / Wi-Fi / 4G                                                                                                                                                                                                                                                                                              |                           |                                |
| Backend Protocol                    | OCPP 1.6J / 2.0 / 2.0.1                                                                                                                                                                                                                                                                                                   |                           |                                |
| ⌵ USER INTERFACE AND ACCESS CONTROL |                                                                                                                                                                                                                                                                                                                           |                           |                                |
| Display / HMI                       | 7" LCD Touch Screen                                                                                                                                                                                                                                                                                                       |                           |                                |
| RFID                                | RFID: ISO/IEC 14443 A/B; MIFARE, 13.56 MHz                                                                                                                                                                                                                                                                                |                           |                                |
| Authentication And Payment          | App, QR Code, MAC Authentication, Card Payment (optional)                                                                                                                                                                                                                                                                 |                           |                                |
| Metering                            | DC energy meter, CE-marked                                                                                                                                                                                                                                                                                                |                           |                                |
| ⌵ ENVIRONMENTAL CONDITIONS          |                                                                                                                                                                                                                                                                                                                           |                           |                                |
| Operating Temperature               | –25°C to 50°C                                                                                                                                                                                                                                                                                                             |                           |                                |
| Storage Temperature                 | –30°C to 70°C                                                                                                                                                                                                                                                                                                             |                           |                                |
| Altitude                            | ≤2000 m                                                                                                                                                                                                                                                                                                                   |                           |                                |
| Humidity                            | 5% to 95% non-condensing                                                                                                                                                                                                                                                                                                  |                           |                                |
| Ingress And Impact Protection       | IP54, IK10 (screen excluded)                                                                                                                                                                                                                                                                                              |                           |                                |
| Noise                               | <70 dB                                                                                                                                                                                                                                                                                                                    |                           |                                |
| ⌵ SAFETY AND PROTECTION             |                                                                                                                                                                                                                                                                                                                           |                           |                                |
| Integrated Protections              | MCB+RCD 63A, 30mA, Type A                                                                                                                                                                                                                                                                                                 | MCB+RCD 80A, 30mA, Type A | 2 x MCB+RCD 80A, 30mA, Type A  |
|                                     | Emergency stop button / RDC-DD, 6 mA DC leakage detection/ Surge protection device (SPD), Type 2, fused / Overvoltage and undervoltage protection / Overcurrent protection / Output PE continuous continuity checking / Output short-circuit protection / Insulation monitoring / Temperature monitoring 2 pcs (Optional) |                           |                                |
| Physical Security And Access        | Key-lock access door                                                                                                                                                                                                                                                                                                      |                           |                                |
| Special Environmental Protection    | Galvanised steel, powder-coated, salt-spray resistant                                                                                                                                                                                                                                                                     |                           |                                |

Cont'd on page 2

REGULAR DC CHARGER, SINGLE & DUAL

⌵ 30kW

⌵ 40kW

⌵ 40kW, DUAL

| PRODUCT CODE              | TP-EVPDO30KS                                                                                                   | TP-EVPDO40KS       | TP-EVPDO40KW       |
|---------------------------|----------------------------------------------------------------------------------------------------------------|--------------------|--------------------|
| MECHANICAL DATA           |                                                                                                                |                    |                    |
| Dimensions                | 750 x 332 x 520 mm                                                                                             | 750 x 332 x 520 mm | 750 x 332 x 570 mm |
| Weight                    | 80 kg                                                                                                          | 90 kg              | 100.5 kg           |
| Mounting                  | Wall mounted / Stand pedestal                                                                                  |                    |                    |
| Cable Management          | Cable support                                                                                                  |                    |                    |
| Cooling System            | Forced-air cooling                                                                                             |                    |                    |
| COMPLIANCE AND STANDARDS  |                                                                                                                |                    |                    |
| Charging Protocol Support | ISO 15118; DIN SPEC 70121; GB/T 27930; CHAdeMO 0.9 / 1.0                                                       |                    |                    |
| Regulatory Compliance     | IEC/EN 61851-1:2017; IEC 61851-21-2:2018; IEC 62196-1:2014; IEC 62196-2:2016; IEC 62955-2018; IEC 61439-7-2018 |                    |                    |
| Certification             | CE Marked (LVD, EMC, RoHS)                                                                                     |                    |                    |

End of Table