

## TITAN MINI Series 30KW DC Charger

### TGTM-DC-30KW

For Fleet, Restaurant and Cafe,  
Shopping Mall and Grocery Store

#### Compact Design for Versatile Installations

Designed with a compact form factor, the charger fits seamlessly into a wide range of environments where space is at a premium.

#### High Efficiency Fast Charging

Unlike Level 2 AC chargers that require current conversion, this DC charger directly supplies power to the EV's battery without energy losses. It allows faster and more effective charging, charge EV up to 80% in approximately 1-2 hours.

Best fit for fleets and high traffic commercial locations, incl. Restaurants, Cafes, Grocery Stores, etc. providing a significant charge in a short period, ensuring vehicles spend less time charging and more time on the road.

#### User-Friendly Interface

A 7-inch touch screen provides an intuitive interface, allowing users to easily monitor charging progress, and control charging sessions with just a few taps.

#### Smart Connectivity Options

Easy to connect via Wi-Fi or LAN, providing flexible options for installation in various environments.

Simple charging operation and secure payment via Web portal, APP, or RFID.

Management platform allows hosts to monitor and manage their charging stations remotely, including access control, easy billing, pricing, real-time monitoring and data management.

#### Commercial-Grade Durability

Anti-welding and CCID 20 Leakage protection.

ETL listed and certified to the highest standards.

NEMA 3R rated for safe indoor and outdoor operation.



| Model                          | TGTM-DC-30KW             |
|--------------------------------|--------------------------|
| <b>Product Information</b>     |                          |
| Interface type                 | CCS1                     |
| Product Power                  | 30KW                     |
| Input Voltage                  | 480VAC $\pm$ 10%         |
| Input Frequency                | 50/60HZ                  |
| Output Voltage                 | 200-1000VDC              |
| Voltage Stabilization Accuracy | $\pm$ 0.5%               |
| Steady Current Accuracy        | $\pm$ 1%                 |
| Maximum Output Current         | 80A                      |
| Power Factor                   | $\geq$ 0.99              |
| Heat Dissipation Method        | Forced air cooling       |
| Input Wire                     | TN-S, IT, 3P+PE, 3P+N+PE |

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| Model                                               |                                                                                                                                        | TGTM-DC-30KW |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------|
| User Interface                                      |                                                                                                                                        |              |
| Charging Method                                     | VIN, APP, Web Portal, RFID-key<br>Optional: POS payment accessory attachable with additional cost.                                     |              |
| Connectivity                                        | LAN, WIFI, OCPP1.6J, 4G (Optional with additional cost)                                                                                |              |
| Indicator Light                                     | Two-color indicator light,<br>Standby: Green light always on;<br>Charging: The green light flashes;<br>Fault: The red light always on. |              |
| Display screen                                      | 7-inch touch screen                                                                                                                    |              |
| Working Environment                                 |                                                                                                                                        |              |
| Storage Temperature                                 | -30~70°C (-22°F~158°F)                                                                                                                 |              |
| Working Temperature                                 | -30~50°C (-22°F~122°F)                                                                                                                 |              |
| Relative Humidity                                   | ≤95%                                                                                                                                   |              |
| Protection Level                                    | NEMA 3R                                                                                                                                |              |
| Altitude                                            | ≤2000m                                                                                                                                 |              |
| Operational Environment                             | Outdoor, Indoor                                                                                                                        |              |
| Usage Occasion                                      | Residential and commercial charging                                                                                                    |              |
| Defensive Function                                  |                                                                                                                                        |              |
| Leakage Protection                                  | Yes                                                                                                                                    |              |
| Ground Protection                                   | Yes                                                                                                                                    |              |
| Over-voltage Protection                             | Yes                                                                                                                                    |              |
| Under-voltage Protection                            | Yes                                                                                                                                    |              |
| Under-current Protection                            | Yes                                                                                                                                    |              |
| Abnormal Protection of Charging Gun Wire Connection | Yes                                                                                                                                    |              |
| General                                             |                                                                                                                                        |              |
| Installation Method                                 | Wall-mounted, Floor-standing (optional)                                                                                                |              |
| Number and length of interfaces                     | 1 charging cable, 5m                                                                                                                   |              |
| Size                                                | 29.54"X23.23"X9.02"(750.4mmX590mmX229mm)                                                                                               |              |
| Product package size                                | 38.58"X27.95"X22.05"(980mmX710mmX560mm)                                                                                                |              |
| Product Weight                                      | 50KG                                                                                                                                   |              |
| Housing Material                                    | Galvanized sheet                                                                                                                       |              |

