

The **TORO10kW** is a high-output, high-efficiency charger designed for heavy-duty industrial applications. This charger supports a wide range of input voltages for both 1-phase and 3-phase systems and is built for a long lifespan. It provides up to **10 kW of power** and features a superior protection rating of **IP67**.



Features/Benefits

- **Rugged IP67 protection** level for the most demanding environments.
- **High-efficiency** performance (up to 95%).
- **CAN bus communication** for smart system integration.
- **Automatic software updates** and local data logging for faults and charging records via TF card.
- **Multi-protection mechanism** including anti-surge, over/under voltage, and thermal protection.
- **Active cooling** via integrated fans.
- **Versatile grid support** with seamless shifting between 1-phase and 3-phase inputs.
- **Compact and lightweight** design for high-power applications.

Model	AC Input Voltage	DC Output Voltage	Max. DC Output Current	Max. DC Output Power Range
TORO10kW		Dim.: 11.73" x 8.30" x 5.28" Wt.: 22.05 lbs.		
24-TORO10KW-36150	1-ph 85-300 / 3-ph 180-690 VAC	36 V	150 A	7 kW
24-TORO10KW-48150	1-ph 85-300 / 3-ph 180-690 VAC	48 V	150 A	9 kW
24-TORO10KW-80100	1-ph 85-300 / 3-ph 180-690 VAC	80 V	100 A	10 kW
24-TORO10KW-9680	1-ph 85-300 / 3-ph 180-690 VAC	96 V	80 A	10 kW
24-TORO10KW-15060	1-ph 85-300 / 3-ph 180-690 VAC	150 V	60 A	10 kW
24-TORO10KW-20045	1-ph 85-300 / 3-ph 180-690 VAC	200 V	45 A	10 kW
24-TORO10KW-31030	1-ph 85-300 / 3-ph 180-690 VAC	310 V	30 A	10 kW
24-TORO10KW-35025	1-ph 85-300 / 3-ph 180-690 VAC	350 V	25 A	10 kW

Note: Max output ratings are based on 3-phase 380/400/480 VAC input; output is limited to 3 kW on 1-phase input