



## 3.3KW Can Bus Charger HK-MF-48-40-X 48 Volt



### Overview

The HK-MF-48-40-X 3.3KW CAN Bus 48 Volt Charger features a small form factor and high efficiency. Built in features include both Output over-voltage and over-current protection.

Other features include reverse polarity protection as well as under-voltage and under-current protection. The unit is fully sealed and waterproof, making it suitable for most environments. Manufactured in China by TC Chargers.

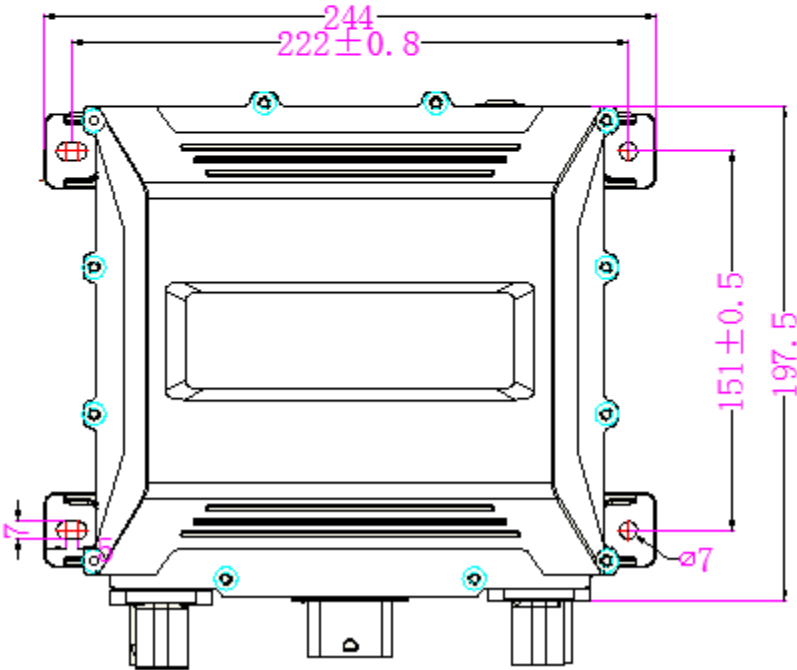
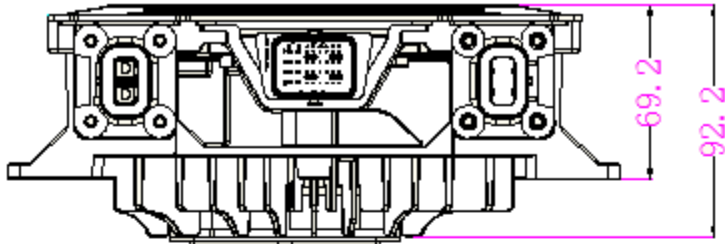
### Specifications

AC Input Voltage Range:	AC 90V ~ 264V
AC Input Frequency:	45Hz ~ 65Hz
Full Loading Efficiency:	≥93%
Shock & Vibration:	QC/T 895-2011
Operating Temperature:	-40C ~ 85C
Charging Control:	CAN BUS or Enable
Cooling Method:	Electric Fan

### Protection Features

Output Over-voltage:	Stops the output when the output voltage exceeds + 1% of max output voltage
Output Over-current:	Stops the output when the output current exceeds + 1% of max output current
Short Circuit Protection:	Unit will automatically stop output if short detected
Reverse Polarity:	Charger will not operate if polarity is reversed
Input Under-voltage:	If AC input is lower than 85V unit will shut down
Input Over-voltage:	If AC input is greater than 265V the charger will shut down
Thermal Self Protection:	The charging current reduces automatically if internal temp exceeds 85C

# Physical Dimensions – HK-MF-48-40-X Charger





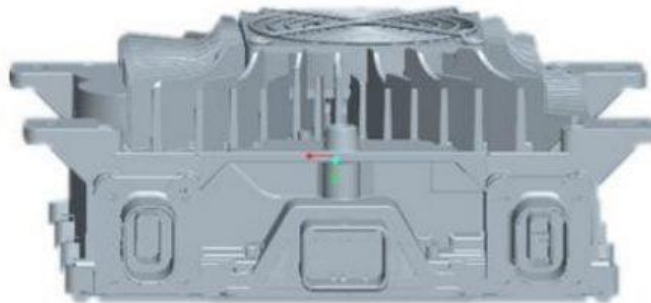
# Installation Requirements – HK-MF-48-40-X Charger



**Best installation method**



**General installation method**



**Prohibited installation method**