

# The ThunderFast

/ To be paired with The ThunderSource

/ Pairable with The MegaThunder

/ Scalable output of 90/120/150/180/210/240 kW

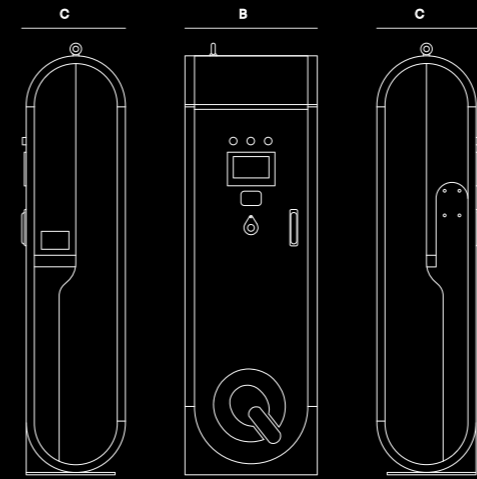
/ Certified for outdoor applications

/ Compatible with all DC plugs on the market

/ Extra feature: our DC ThunderFast can feature a 32" screen that will be placed on the backside of the charger. This can be used for charging information and for advertising purposes



The images shown are for illustration purposes only and may not be an exact representation of the product



## / Technical Information

**A: Height** 1958mm (76.3")

**B: Width** 600mm (23.4")

**C: Depth** 450mm (17.5")

**Net Weight:** 156Kg (344)lb

**Cable Length:** 4.1m (13.45ft)

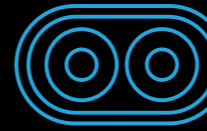
## / Supported Plugs



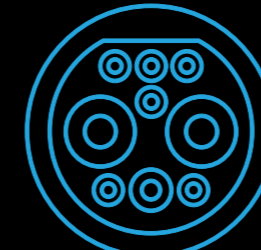
NACS



CCS 1



CCS 2



GB/T

## Input / Output:

**Input:** DC Input from The ThunderSource

**Voltage Output:** DC 200-1000V

**Current Output:** Up to 300A

**Power Output:** up to 240kW

## Factor:

**Power Factor:**  $\geq 0.99$

## Efficiency:

**Peak Efficiency:**  $\geq 96\%$

## Altitude:

**Altitude Efficiency Reference:**  $\leq 2000m$  ( $\geq 2000m$  Efficiency rate depending on site)

## Expandable Configuration:

**(kW):** 90/120/150/180/210/240

## Technical Features:

**Cable Length:** 4.1m / 13.45ft

**Working Temperature:**  $-34^{\circ}C+57^{\circ}C$  /  $-29.2$  /  $134.6^{\circ}F$

**Storage Temperature:**  $-40^{\circ}C+85^{\circ}C$  /  $-40$  /  $185^{\circ}F$

**Operating Humidity:**  $\leq 95\%$

**Communication Interface:** CAN with standard configuration, Ethernet, 4G  
**OCPP:** 1.6/2.0.1

**Enclosure Protection Grade:** Indoor/Outdoor **IP54 / IP55**

**Communication Protocol:** Qtech Background Protocol

**Emergency Power Off Button:** Yes

**Protective Functionalities:** Over-current Protection, under-voltage/over-voltage protection, residual current, lighting protection, short circuit protection, over-temperature protection, grounding fault protection

**Installation Type:** Floor fixation system

**Charging method:** Plug and Charge/Scan code to Start

**/ Customizable cable length and internal components on request**

**Charger configuration must be confirmed at the time of the order. The site of installation may determine configuration options.**