

# The ThunderSource

/ Intelligent design enabling to require little to no on-site maintenance

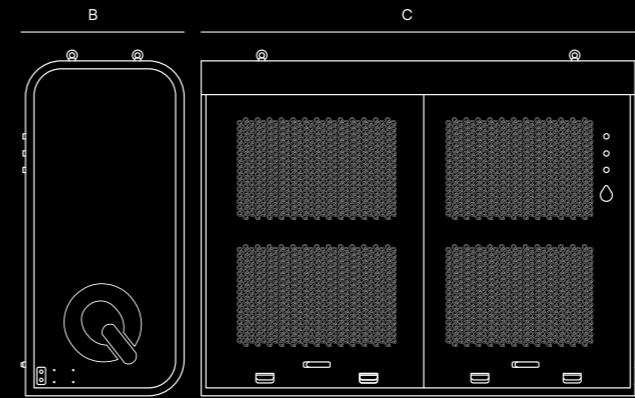
/ The ThunderSource is among the most compact DC power supply on the market for Super-Fast Charging

/ Paired with QiOn's DC chargers, The ThunderSource can reach output configurations of 1MW, and above

/ The ThunderSource is certified to guarantee performance in extreme weather condition

/ ThunderBricks® power modules are IP65-certified

/ Solid structural composition, paired with scalable technology, makes The ThunderSource a long-lasting and long-term investment giving you control and flexibility over your charging stations



## / Technical Information

**A: Height** 2006mm (78.2")

**B: Depth** 953mm (37.1")

**C: Width** 2670mm (104.1")

**Net Weight:** 785 + 860Kg (1730 + 1897lb)



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

## Input:

**Type of Input:** AC

**Voltage Output:** Three Phase 380V±10% / 480V±10%

**Frequency Input:** 50/60 Hz

## Output:

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

**Current Output:** Up To 3000A

**Power Output:** Up To 990kW

## Factor:

**Power Factor:** ≥0.99

## Efficiency:

**Peak Efficiency:** ≥96%

## Altitude:

**Altitude Efficiency Reference:** Up to 4000m

(≥2000m Efficiency rate depending on site)

## Expandable Configuration:

(kW): Up to 990

## Technical Features:

**Working Temperature:** -34°C+57°C / -29.2 / 134.6°F

**Storage Temperature:** -40°C+85°C / -40 / 185°F

**Operating Humidity:** ≤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:** Through ThunderFast and MegaThunder Chargers

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

**/ Customizable internal components on request**