

Impressive.

blink[®]

DCFC 30kW

High Performance DC Fast Charging

The powerful 30kW DC Fast Charger is a small and lightweight charger designed to fit any desired location. Providing up to 100 amps and 1000 volts, this fast charger is ideal for any last-mile vehicle.

POWERFUL • COMPACT • CONVENIENT

Blink DC Wall 30kW

- Up to 100 amps of output
- Lightweight 170 lbs
- Easy installation indoor or outdoor
- Wall or pedestal mount optional
- Fast communications via integrated 4G and Wi-Fi connectivity
- RFID reader to easily start a charge with member card, RFID credit card, and mobile applications
- 7" touch screen display
- Robust remote management tool via the Blink Network
- CCS1 charging connector
- Up to 1,000 volts



Product Details

Max Output	100A	Network Connection	Ethernet - Standard, 4G/Wi-Fi (Optional)
Input Voltage Range	480V	Supported Charging Standards	CCS1
Output DC Voltage Range	150-1000V	Installation Type	Wall or pedestal mount
User Registration	RFID reader (ISO/IEC 14443A/B)		
Dimensions	21"W x 12"D x 27"H		

*The product image shown is for illustration purposes only and may not be an exact representation of the product.

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30kW DC FAST CHARGER Specifications



Product #	TP5-30-480
Input Voltage Frequency	480VAC (3P+N+PE) 60Hz
FLA Breaker Rating	40A 50A (or larger)
Rated Power	33.2kVA
Maximum Power	30kW
Output Voltage	150 to 1000VDC
Output Current	Up to 100A
Connector Options	CCS1 CHAdeMO NACS
CCS Cable	Up to 125A - Air Cooled
CHAdeMO Cable	Up to 125A - Air Cooled
NACS Cable	Up to 250A - Air Cooled
Cycle Mode	1 x 30kW (Max: 100A)
Efficiency	≥ 94% at nominal output power
Power Factor	> 0.98 @ full load
Operating Temperature	-4°F to 131°F (-20°C to 55°C)
Working Storage humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Altitude	< 6600ft (2000m)
Display	7" LCD Touch Screen
Access Control	RFID: ISO IEC 14443A/B
Dimensions (L x D x H)	22.44" x 13.41" x 27.55"
Insulation (input - output)	> 2.5kV
Ingress Protection	NEMA 3S (IP54), IK 10
Power Electronics Cooling	Air Cooled
Weight	157lbs (71kg)
Charging Protocol	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121 Mode 4, CHAdeMO 0.9, 1.0
Connector Cable Length	CCS & NACS & CHAdeMO - 16ft (5m)
Interface protocol	OCPP 1.6J
Communication Protocol	Ethernet, WiFi, 4G
Electrical Safety: GFCI	RCD 20 mA Type A (UL)
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL 2202, UL 2231-2 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Metering	DC kWh meter

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