



Integrated 160 kW DC Fast Charger

Model YQDC-P160/1000-2

A floor-standing, all-in-one DC fast charger that converts AC grid power into DC energy and delivers it to the electric vehicle. Equipped with dual charging guns, a 7-inch touchscreen and QR / RFID / VIN / password start. Designed for public lots, workplaces and fleet charging.

GENERAL

Rated output power	160 kW
Charging guns	2 (dual)
Display	7-inch touchscreen
Start methods	QR · RFID · VIN · Password
Charging modes	Energy · Amount
Communication	4G · Ethernet · Standalone
Standby consumption	< 60 W

INPUT

AC input voltage	3-phase 380 V $\pm 15\%$
AC input current	258 A
Frequency	50 Hz ± 5 Hz
Peak efficiency	$\geq 96.5\%$
Power factor	≥ 0.99
THD	$\leq 5\%$

MECHANICAL

Material / finish	Galvanized steel, painted
Dimensions (W×D×H)	750×550×1700 mm
Net weight	≈ 278 kg
Cooling	Forced air

OUTPUT

Voltage range	200 – 1000 V DC
Constant power range	300 – 1000 V DC
Max current (single gun)	250 A
Power modules	4 × 40 kW
Accuracy class	Class 1
Auxiliary power	12 V / 24 V selectable
Current regulation	$\leq \pm 1\%$
Voltage regulation	$\leq \pm 0.5\%$

ENVIRONMENTAL

Operating temperature	-30 °C to +50 °C
Relative humidity	0 – 95% (no condensation)
Ingress protection	IP54
Altitude	≤ 2000 m (derate above)

PROTECTION & STANDARDS

- Input over/under-voltage, phase-loss, over-current & short-circuit
- Output over-voltage, over-temperature, emergency stop
- Connection & communication fault protection
- Connector: GB/T 20234.3 (CCS2 option for export)
- Standards: GB/T 18487.1, GB/T 20234, GB/T 27930