

COMPACT DC FAST CHARGER

Sirius 30 & 40

Compact DC Fast Charger — 30 kW & 40 kW

Sirius is Starvo's compact, outdoor-ready DC fast charger designed for urban and destination charging. It combines a rugged galvanized-steel enclosure with a 7-inch touch display, RFID/QR payment, and OCPP 1.6J connectivity for easy integration with the Starvo platform or any compatible backend. An optional pedestal enables clean, space-efficient installation.

Sirius 30

30 kW single-channel DC fast charger delivering reliable power for urban charging with a compact footprint.

Sirius 40

40 kW single-channel DC fast charger offering enhanced output in the same rugged, space-efficient design.

30 / 40 kWTWO POWER
CLASSES**CCS2**

5 M CABLE

OCPP 1.6JETHERNET · 3G/
4G · WI-FI**IP55 / IK10**7" TOUCH
SCREEN

STARVO · SIRIUS 30 & 40

01 KEY FEATURES**01 OCPP 1.6J Compliant**

Interoperable with the Starvo platform or third-party backends for seamless integration.

02 7-Inch Touch Screen

RFID (ISO/IEC 14443 A/B) and scan-code payment options with intuitive session guidance.

03 95.5% Module Efficiency

Industry-leading power conversion (94% overall) with ≥ 0.99 power factor for grid-friendly operation.

04 Multi-Connectivity

Ethernet / 3G / 4G / Wi-Fi with remote monitoring and OTA updates.

05 Precision Output

$\leq 0.5\%$ voltage stabilisation, $\leq 1\%$ current accuracy and ripple for optimal battery health.

06 Optional Pedestal

Standalone floor pedestal with integrated cable management for sites without a suitable wall.

02 TYPICAL APPLICATIONS

- RETAIL & HOSPITALITY
- WORKPLACES
- COMMERCIAL BUILDINGS
- FLEET DEPOTS
- PUBLIC CAR PARKS
- URBAN DEVELOPMENTS

03 TECHNICAL SPECIFICATIONS

POWER & OUTPUT

Total power	30 kW (Sirius 30) · 40 kW (Sirius 40)
Channels	Single-channel
Connector	CCS2 · 5 m cable
Output voltage range	150–1000 VDC
Soft-start	3–8 seconds

INPUT

Input voltage	380 V AC (–15% ... +15%) · 3-phase
Frequency	50 / 60 Hz
Power factor	≥ 0.99
Harmonic distortion	≤ 5%

PERFORMANCE

Module peak efficiency	95.5%
Overall efficiency	94%
Voltage stabilisation	≤ 0.5%
Current accuracy	≤ 1%
Output ripple	≤ 1%
Load regulation	≤ 1%

INTERFACE & COMMUNICATION

Display	7-inch touch screen
RFID	ISO/IEC 14443 A/B
Protocol	OCPP 1.6J
Connectivity	Ethernet · 3G · 4G · Wi-Fi

ENVIRONMENT & BUILD

Protection grade	IP55 / IK10
Operating temperature	–35 °C ... +55 °C
Cooling	Air-cooled
Altitude	≤ 2000 m
Case material	Galvanized steel sheet
Insulation / withstand	≥ 10 MΩ / ≥ 2.5 kV

PHYSICAL & COMPLIANCE

Dimensions (W × D × H)	650 × 355 × 670 mm
Mounting	Wall / optional pedestal
CE EMC	EN 61000-6-1:2007 EN 61000-6-3:2007/A1:2011/AC:2012

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Specifications are subject to change without notice. Sirius 40 shares the same form factor unless otherwise specified. For installations above 2000 m altitude, contact Starvo for customized solutions.