

Quick Charge Station

Overview

The Efacec EV **QC24S** can be used to charge all CCS compatible electric vehicles. Users only need to plug the charging connector in the vehicle, and the **QC24S** will immediately start the charging process.

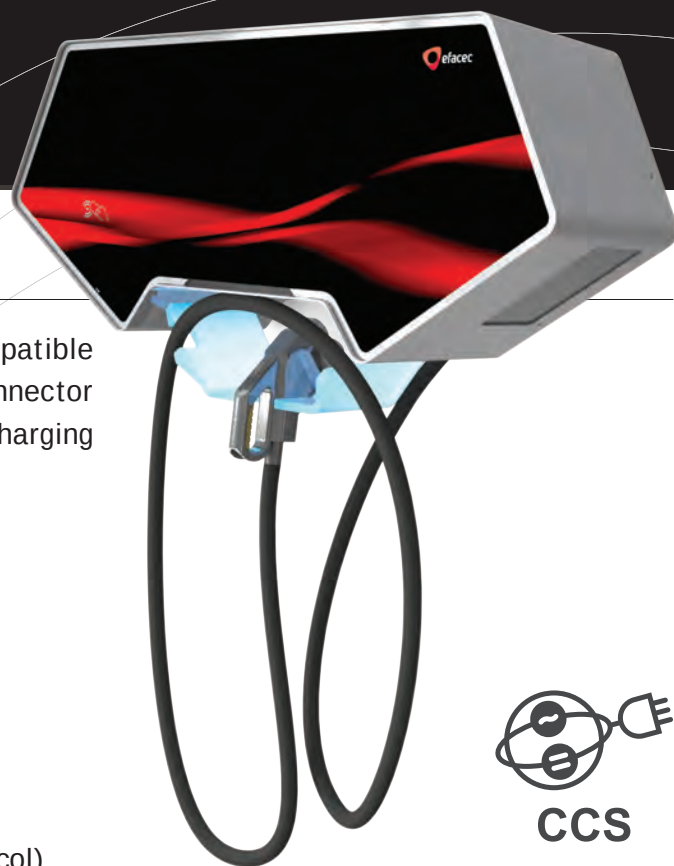
- Single output - CCS
- Fast-charge any CCS vehicle
- 0 to 80% in less than 1 hour
- Safe and intuitive to use
- Status LED color cable holder
- Customizable front-end (for branding or advertising)
- Optional network integration (OCPP or proprietary protocol)
- Optional built-in communications (3G; LAN; Wi-Fi)

Key features

- Small and compact
- Stand alone or network integrated charger
- Local or remote monitoring and control
- DC power up to 24 kW
- High efficiency >94 %
- High power factor 0.99

Application

- Car-Share, Taxi and Rent-a-Car fleets
- EV dealers and service providers
- Employee parking lots
- EV fleets (private and public)
- Shopping Centers
- Private EV Infrastructure and operators



Patent Information

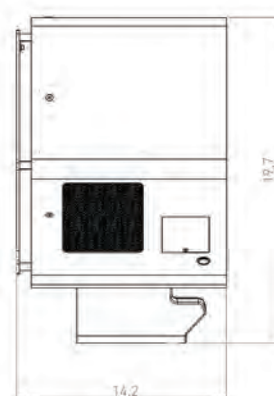
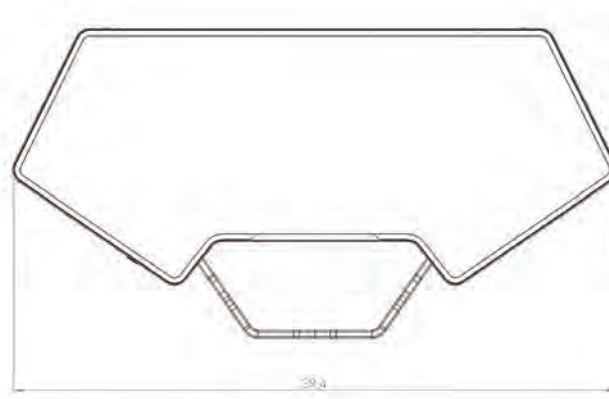
- Pat. Pend. PT 107918
- RCD N° 002542084-0001
- US design patent application Pend. N° 29/520,113

Customer Benefits

-  Cost-effective
-  Fast charging
-  Easy to install
-  User friendly

Technical data	CE
3 phases	
Phases/Lines	3 phases + neutral + PE
Voltage	(400 ± 10%) V a.c.
Current	37 A
Single Phase	
Phases/Lines	1 phase + neutral + PE
Voltage	(230 ± 10%) V a.c.
Current	111 A
Nominal Input	
Power (max. value @ 24kW output)	25.5 kVA
Frequency	(50 ± 10%) Hz
Efficiency	> 94%
Power Factor	0.99 @ full load; 0.98 @ half load
THD Input Current	Less than 5% @ full load Less than 10% @ half load
DC Output: CCS	
Voltage	(260 to 425) V d.c.
Current	60 A d.c. (@ 400V d.c.)
Nominal Power	24 kW (adjustable up to this)
Communications with EV	PLC
Plug	CCS - Type-2
Insulation	
Input / Output / Ground	2800 V a.c.
Control Circuit / Ground	500 V a.c.
Cabinet	
Dimensions (WxDxH)	1105 x 365 x 567 mm
Weight	60 kg
Protection Degree	IP54, IK10
HMI and Command Unit	
Contactless card specification	Mifare Classic 1K&4K, DesFire EV1 (Others under request)
Local interface	RFID; Button; LED's
Communication	Web Services over IP; Router 3G (GSM or CDMA)
Protocol (others under request)	OCPP
Emergency STOP	Yes
Environment Conditions	
Temperature range	-25°C to +40°C
Humidity range	5% to 90%
Place of installation	Indoor / Outdoor
Altitude	Up to 1000m
Noise Level	<55 dB in all directions

Configurations



Choose Your Design



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