

## 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.

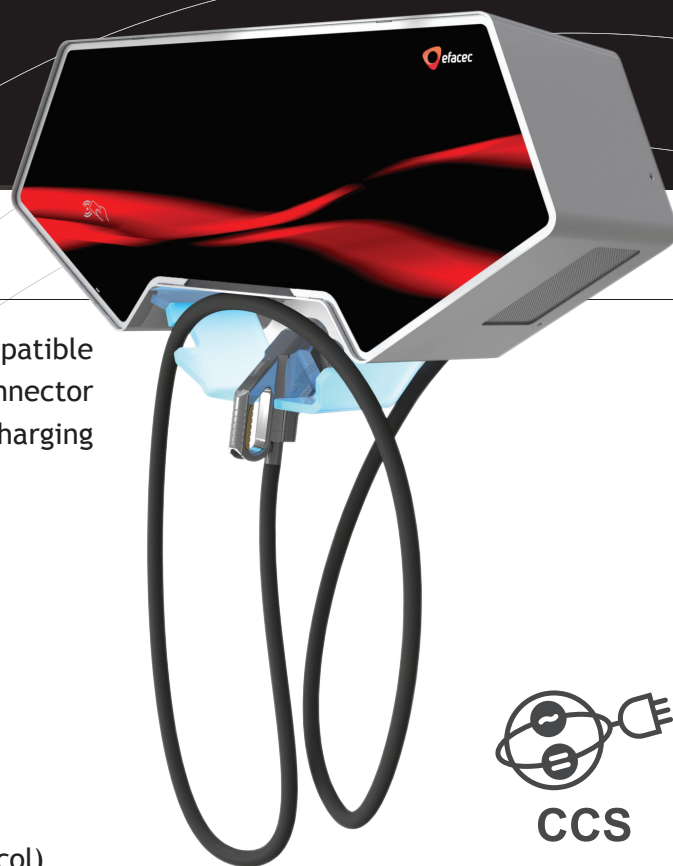
- Single output - CCS
- Fast-charge any CCS vehicle
- 0 to 80% in less than 1 hour
- Safe and intuitive to use
- Status LED color cable holder
- Customizable front-end (for branding or advertising)
- Optional network integration (OCPP or proprietary protocol)
- Optional built-in communications (3G; LAN;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

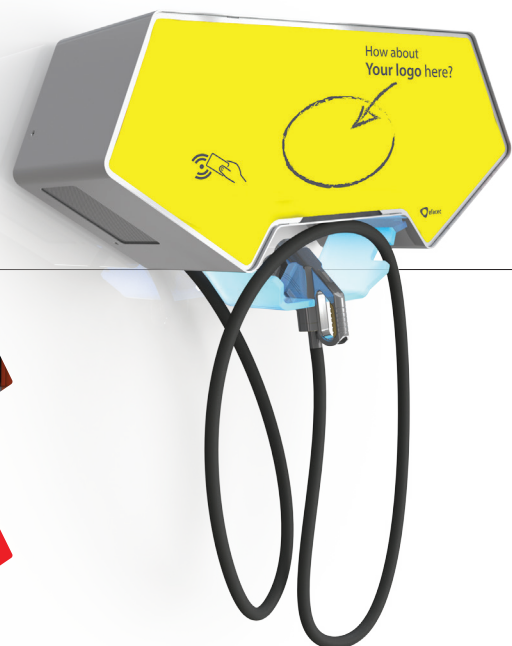
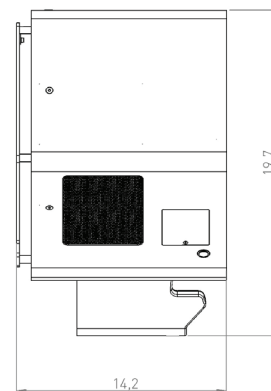
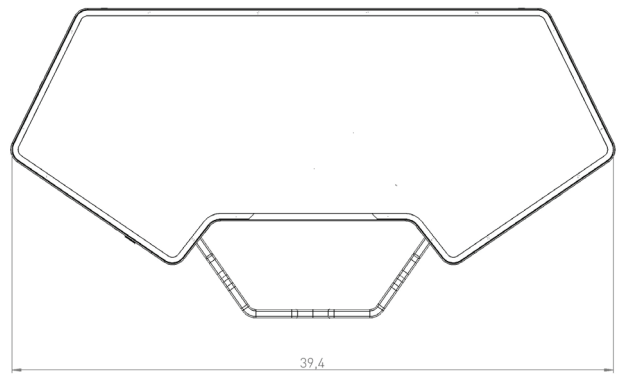
- Pat. Pend. PT 107918
- RCD N° 002542084-0001
- US design patent application Pend. N° 29/520,113

### Customer Benefits

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

Technical data	CE
<b>3 phases</b>	
Phases/Lines	3 phases + neutral + PE
Voltage	(400 ± 10%) V a.c.
Current	37 A
<b>Single Phase</b>	
Phases/Lines	1 phase + neutral + PE
Voltage	(230 ± 10%) V a.c.
Current	111 A
<b>Nominal Input</b>	
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
<b>DC Output: CCS</b>	
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
<b>Insulation</b>	
Input / Output / Ground	2800 V a.c.
Control Circuit / Ground	500 V a.c.
<b>Cabinet</b>	
Dimensions (WxDxH)	1105 x 365 x 567 mm
Weight	60 kg
Protection Degree	IP54, IK10
<b>HMI and Command Unit</b>	
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
<b>Environment Conditions</b>	
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

