

VoltStation ECH-02 Electric Vehicle Fast Charger

ECH-02

Simply Smart Commercial Design

Procontrol 's DC Fast Charger provides a quick and efficient method to charge electric vehicles. DC Fast Charging (400 V 3-Phase AC input) is the fastest method for charging vehicles in fleet and commercial facilities. The Procontrol design owns intelligent user friendly features to intuitively and safely charge electric vehicles and provides commercial opportunities to business owners.

Benefits of Procontrol's Commercial Charging Station

- Simplified 4-piece design; separate Grid Power Unit
- (GPU - containing the power electronics) and charging station allow for ease of installation and design aesthetics
- Exterior treatment and graphics fully customizable for rebranding
- >17" LCD display for optional media and advertising
- Space for advertisement available through the Procontrol network to provide additional revenue
- Demand response and energy management
- Dual ports for increased user access and availability

CHAdeMO Compliant EV Connector (Option)

The CHAdeMO organization has endorsed a DC Fast Charger connector used on fast-charge-capable electric vehicles worldwide

Ergonomic design

Intuitive connector docking for protection and storage

Prevents accidental disconnection

Safe in wet or dry use

Fast, Convenient and Easy to Use

- Capable of providing a full charge in less than 30 minutes*
- Integrated with the Procontrol Network
- Smart RFID technology allows for ease of payment
- Smartphone Application provides
- Charge station locations and GPS navigation
- Charge status
- Notification of completion or interruption of charge
- User-friendly, interactive touch screen display
- Web-based information delivery, user account info
- Charge status and cost info in SMS
- Easily programmable start/stop timing

* *Dependent on battery size, vehicle battery management system, state of charge, and operation under optimal conditions.*

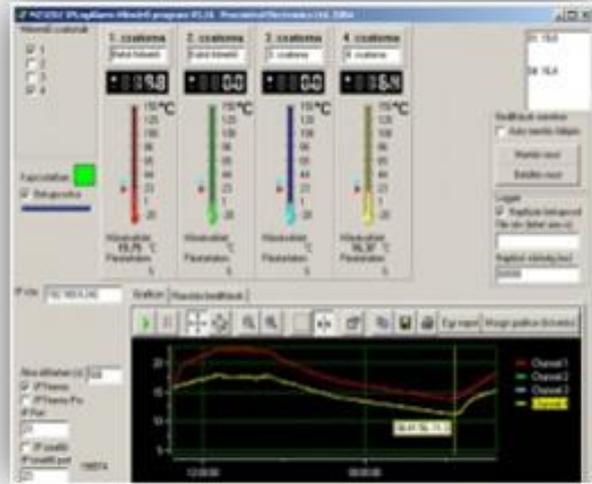
** *In case vehicle is compliant!*

Learn more at: www.procontrol.hu



Services

- User information about your current account, charges and other data via Internet
- SMS information and warning service about time, location, charging fee etc.



Technical specification Procontrol Charging Station – CHAdeMO Release

Input

Phases	3
Input Voltage	400VAC +/-10%
Nominal Voltage	400VAC
Input current (in case of maximal inp. voltage and current)	95A
Input power	55kVA
Frequency	50Hz/60Hz
Power factor (at full charge)	>0,98
Over-current protection	yes
Efficiency	>92%
Plug type	CEE 5P

1. Output 3 with 3 phases AC / Optional DC CHAdeMO

Max. output power	50kW
Max. output current	120A
Output voltage range	50-550VDC
Over-current protection	yes
Short-circuit protection	yes
Plug type	JEVS-G 105

2.-3. Output 1 phase AC

Max. output power	2x3,6KVA
Max. output current	2x16A
Output voltage range	230V
Over-current protection	yes
Short-circuit protection	yes
Plug type	CEE 7/4 (Schuko)

General features

Operating temperature	-30 – -50°C
Relative humidity	30 – 90%
Environment	Outdoor
Protection	IP54
DC connection standard	CHAdeMO compliant
DC cable length	2,5 m
DC plug type	JEVS G105
Network connection	10/100 Base-T Ethernet
Standby power consumption	100 (nominal)
Climate control	1000VA (max.)

Dimensions

Charge station (D x H x W)	300 mm x 1750 mm x 620 mm
Concrete base (D x H x W)	400 mm x 600 mm x 400 mm
Weight charge station	600kg
Weight concrete base	300kg

Options

Appearance	On Demand
Webcam	On Demand
Material	Eloxated steel
Vehicle detection	Infra
Display	17" Touch screen
Payment and identification	RFID card
	GSM
	Fingerprint reader

Communication interface

WiFi
Ethernet
GPRS
RS485



CHAdeMO

Official member of the
CHAdeMO Association

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