



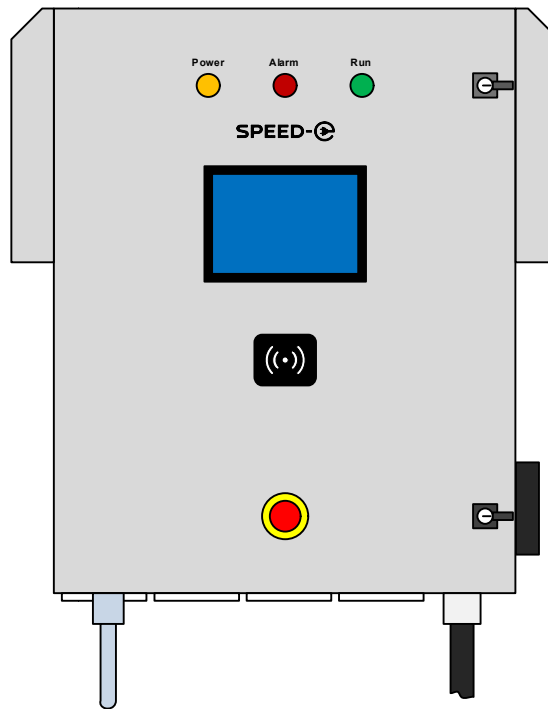
SPEED-

TM

SPEED-E 30/40 – Fast Wall-Mount DC Chargers

Introduction

SPEED-E 30/40 series fast CCS1 chargers with output voltage up to 900 VDC and output power up to 40 kW are specifically designed with high protection and high reliability in mind to serve medium & heavy duty commercial fleets. The compact form-factor allows an easy installation without a base while the charger's environmental protection is making it suitable for harsh Canadian climate. A user friendly interface with 7" full color touch screen display and a built-in RFID reader support several authorization options and provide full access to vehicle information during charging.



Main Features

- 30/40 kW maximum output power and 900 VDC maximum output voltage, single CCS1 connector
- Dynamic smart current output DAC to keep the maximum output power at any output voltage
- IP54 design with high protection and high reliability for harsh environment
- Carbon steel or stainless steel enclosure
- Charging authorization options support One Key/ Card Scan charging start/stop function
- OCCP 1.6J support
- User friendly interface with full color 7" TFT touch screen display
- Optional internal high precision DC energy meter
- Made in Canada

Charger specifications

Model	SPEED-E 30-900-R*	SPEED-E 30-900-S*	SPEED-E 40-900-S*
Operational			
Charging connector	SAE J1772 Combo type 1 (DC only)		
Cable length	5 or 7.5 m (16' or 24')		
User interface	7" high brightness touch LCD		
Card reader	ISO 14443		
Data communication	OCPP 1.6J		
Power input			
Input voltage	480 VAC (nominal), 3-phase delta, 60 Hz		
Input current, max	60 A		80 A
Power factor	0.98 min		
Current THD	5% max		
Power output			
Output power, max	30 kW		40 kW
Output voltage	150-900 VDC		
Output current, max	80 A	100 A	133 A
Conversion efficiency	95% min		
Environmental			
Protection level	IP54		
Enclosure	Type 3		
Operating temperature	-30..+55°C (-20..+130°F)		
Storage temperature	-40..+70°C (-40..160°F)		
Mechanical			
Size	810 mm x 710 mm x 280 mm (32" x 28" x 11")		
Weight (w/o cable)	56 kg (125 lb)		