# SPEED-E 120/180/240/300R dual output fast DC chargers



## Main Features

- Two CCS1 or NACS outputs
- 300 kW maximum output power
- Up to 1000 VDC output voltage
- Up to 400 A output current
- Up to 7.5 m (25') cable length
- Built-in cell modem
- OCCP 1.6J and OCPP 2.0.1 support
- Dynamic load management
- Charging authorization options support ISO-15118 Plug and Charge and/or Card Scan charging start function
- User friendly interface with full color 15.6" touch screen LCD
- IP53 design with high protection and high reliability for harsh environment

## Charger specifications

| Model | SPEED-E 120R-1000 | SPEED-E 180R-1000 | SPEED-E 240R-1000 | SPEED-E 300R-1000 |
|---|---|---|---|---|
| **Operational** | | | | |
| **User interface** | 15.6” high brightness touch screen dispay | | | |
| **Card reader** | ISO 14443 | | | |
| **Data comm.** | OCPP 1.6J, OCPP 2.0.1 | | | |
| **Power input** | | | | |
| **Input voltage** | 480 VAC ± 15%, 3-phase delta, 60 Hz | | | |
| **Input current** | 360 A max | | | |
| **Power factor** | 0.98 min (>50% load on active outputs) | | | |
| **Current THD** | 5% max | | | |
| **Power output** | | | | |
| **Charging connectors** | 2x SAE J1772 CCS1 (DC only) or SAE J3400 NACS | | | |
| **Cable length** | 4.5 to 7.5 m (15 to 25’) | | | |
| **Maximum output power** | 120 kW | 180 kW | 240 kW | 300 kW |
| **Output voltage** | 150-1000 VDC | | | |
| **Maximum output current** | 385 A (CCS1), 400 A (NACS) | | | |
| **Conversion efficiency** | 95% min | | | |
| **Environmental** | | | | |
| **Protection rating** | IP53 | | | |
| **Enclosure** | Type 3R | | | |
| **Operating temp.** | -30..+55°C (-20..+130°F) | | | |
| **Storage temp.** | -40..+85°C (-40..+185°F) | | | |
| **Mechanical** | | | | |
| **Dimensions H x W x D** | 2165 mm x 900 mm x 1000 mm (85.3” x 35.4“ x 39.4”) | | | |
| **Weight** | 715 kg (1576 lbs) | 750 kg (1653 lbs) | 785 kg (1731 lbs) | 820 kg (1808 lbs) |