



PROJECT
SCHEDULE
NOTES

DATE

GSP5 Series 160A AC Electric Vehicle Charging Station

- Commercial Level 2 AC electric vehicle charging station
- Simultaneous dual charging; supports smart charging and load balancing
- System capacity 160A: 80A + 80A
- Indoor and outdoor NEMA TYPE 3R rated enclosure
- Integrated cable management system
- Two (2) SAEJ1772 (Type 1) charging interfaces with built in plug receptacles
- LED charge status indicator
- 7" LCD touch screen user interface
- Standard LAN wired connection for central management system
- Standard RFID reader module for user identification and management
- Standard WiFi + Bluetooth wireless connections
- Standard 4G wireless connection
- Standard OCPP 1.6 JSON
- Modular architecture
- Optional unattended payment self-serve kiosk based on time and/or kWh delivered*
- Over-the-air firmware updates available for models with wireless connectivity
- Standard 18ft cables
- 3 Year Warranty

Model	GSP5-160A
LAN	✓
OCPP 1.6 JSON	✓
RFID Reader Module	✓
WiFi + Bluetooth	✓
4G	✓
LED Status Indicator	✓
7" LCD Display	✓
Two (2) SAEJ1772 Type 1 Plugs	✓
Cable Management System	✓
18ft Cable	✓
Unattended payment self-serve kiosk*	●
Legend: Standard ✓ Optional ●	



SAEJ1772
Type1 Plug



All documentation is subject to change without notice.
Please refer to our website for the latest product information and specifications.
*Please contact us for additional configuration details.



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Models	GSP5-160A
Power Specifications	
AC Input Voltage	200~240Vac/Single phase
AC Input Connection	L1/L2/GND
Input Current	160A
Frequency	50Hz/60Hz
Output Current	80A + 80A
Circuit Breaker Requirement	200A (Maximum Output Power 19.2kW + 19.2kW)
User Interface and Control	
User Authentication	RFID ISO 14443 A/B or ISO 15693/NFC
Communication	
External	LAN (Standard) WiFi + Bluetooth (Standard) 4G (Standard)
Internal	OCPP 1.6 JSON (OCPP 2.0 JSON ready*)
Vehicle-to-Grid	ISO15118 (Contact us)
Environmental	
Operating Temperature	-30°C~50°C
Humidity	Max. 95% RH
Altitude	≤2000m
IP Level	NEMA TYPE 3R
Cooling Method	Natural Cooling
Mechanical	
Dimensions (H x W x D)	78.3" x 15.7" x 8.7"
Weight	74lbs
Cable Length	18ft (Standard)
Protection	
RCD/CCID	CCID20
Input Side	UVP, OVP, Surge protection, Ground fault
Output Side	OCP, Control pilot fault, Residual current protection
Internal	OTP, Relay welding detection, CCID self-test, MCU function fault detection
Regulation	
Certificate	UL2594, UL2231-1/-2
Wireless Certificate	FCC/IC
Charging Interface	Two (2) SAEJ1772 Type 1 Plugs



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