



InerCharge

An innovative operating system, consisting of both hardware and software, for Charging Station Management. InerCharge ensures grid stability and optimal charging times through predictive analytics and real-time monitoring.

Technical Specifications

- ▶ Support Type 2 (IEC) charging standard
- ▶ Output power up to 30 kW
- ▶ Up to 32 A output current
- ▶ Dual charging connectors
- ▶ Smart charging capability
- ▶ High power factor (>95% at full load)
- ▶ Built-in RFID for user authentication
- ▶ OCPP 1.6J / 2.0, Modbus, TCP/IP supported
- ▶ Ethernet connectivity with optional 3G/4G
- ▶ Industrial display up to 21" (digital signage ready)
- ▶ Comprehensive protection system
- ▶ Operating temperature: -25°C to 50°C

Example Applications



Modern Service Hub



Smart Public Parking



Energy Retailing Station



Fleet & Logistics Depot



Urban Infrastructure Operators



Residential & Commercial Parking

EV CHARGER 7 kW and 22 kW

INERCHARGE EV CHARGER SELECTION GUIDE

Parameter	INERCHARGE Lite	INERCHARGE 22
MODEL	INERCHARGE Lite	INERCHARGE 22
CAPACITY	7.68 kW	22 kW
INPUT		
INPUT Voltage	208–240 VAC	230 VAC
INPUT Phase	1 Phase	3 Phase
INPUT Frequency	50/60 Hz	50 Hz
INPUT Power Factor	>95 % @full load	
OUTPUT		
OUTPUT Connector Qty	2	
Connector Type	Type 2 Plug	Type 2 Plug
Output Power	7.68 kW	30 kW
Output Current	32 A	
Charging Option	Smart Charging	Smart Charging
PROTECTION		
Full Protection	Short Circuit, Over current, Over voltage, Under Voltage, Lightning, Over Temperature protection	
USER INTERFACE		
Status Indicators	Power On, Charging and Fault	
Display	Industrial Display up to 21" (Digital Signage Ready)	
User Authentication	RFID	
Network Interface	Ethernet/TCP-IP, 3G/4G (optional)	
COMMUNICATION		
Communication Protocol	OCCP 1.6J , 2.0 , Modbus, TCP/IP	
Connection Standard	IEC Type 2	
ENVIRONMENT		
Operating Temperature	-25°C to 50°C	
Storage Temperature	-40°C to 70°C	
Humidity	< 95% relative humidity, Non condensing	
Altitude	Up to 6000 Ft	
PHYSICAL		
Enclosure Protection	Metal Enclosure	
Cooling	Forced Air	
Dimension (L x W x H) (mm)	(600 x 530 x 1680)	(1240 x 760 x 2040)