

ITRAMAS™

For a greener, smarter and safer tomorrow

POWER YOUR DRIVE

EV Charging Solutions



Why Choose ITRAMAS™ EV Chargers?

ITRAMAS™ EV charging solutions integrate intelligent design with advanced protection systems to deliver safe, efficient, and reliable charging. Built for flexibility and performance, it supports a wide range of applications across homes, businesses, and public infrastructure.

- **High Performance Charging**
Supports up to 22kW output for faster and more efficient charging.
- **Flexible Deployment**
Multiple installation and connector options to suit different environments.
- **Enhanced Safety Systems**
Comprehensive protection including residual current, surge, and temperature safeguards.
- **Modern & Practical Design**
Compact, durable, and suitable for both indoor and outdoor use.



Application Scenarios



Residential
Homes



Commercial
Buildings



Offices &
Workplaces



Retail &
Shopping Malls



Fleet &
Logistics

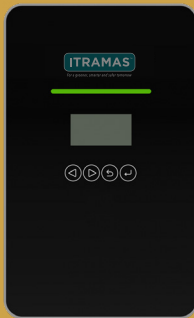


Public Charging
Points

Range of Products



SSP3-AC11K-V123
11kW Charger



SSP3-AC22K-V123
22kW Charger

CORE TECHNOLOGY

Powering Smart EV Charging Solutions

Smart, efficient charging system designed for reliable, safe, and convenient electric vehicle power anytime & anywhere.



EV Charging System

Reliable and efficient charging solution designed for everyday use across residential, commercial, and public environments.



Smart Charging

Intelligent charging system that optimises power delivery for efficiency and consistent performance.



Flexible Installation

Wall-mounted or floor-stand options with Type 1 / Type 2 compatibility for various use cases.



Safety Protection

Advanced protection features ensuring safe operation, including current, voltage, and temperature safeguards.



Performance Output

Supports up to 22kW fast charging for quicker turnaround and improved user convenience.

11kW EV Charger Series



SSP3-AC11K-V123

Data Sheet

General Data

Model	SSP3-AC11K-V123
Rated Power	11kW
Power Supply	3P + N + PE
Rated Voltage	400V AC
Frequency	50/60Hz
Maximum Current	16A

Charging Output

Output Voltage	400V AC
Charge Connector	Type 2 cable
Cable Length	4m

User Interface

LED Indicator	Green / Yellow / Red
Start Mode	Plug & Play
RFID Reader	No
Emergency Stop	No

Safety

RCD Protection	6mA DC
Ingress Protection	IP65
Impact Protection	IK10
Certification	CE
Warranty	2 years

Electrical Protection

Over Current Protection	Yes
Residual Current Protection	Yes
Ground & Surge Protection	Yes
Voltage, Frequency & Temperature	Over / Under Protection

Installation & Environment

Installation	Wall-mount
Work Temperature	-30°C to +50°C
Work Humidity	5% - 95%
Product Dimension	325 × 181 × 87mm
Net Weight	3.2kg

22kW EV Charger Series



SSP3-AC22K-V123

Data Sheet

General Data

Model	SS P3-AC22K-V123
Rated Power	22kW
Power Supply	3P+N+PE
Rated Voltage	400V AC
Frequency	50/60Hz
Maximum Current	32A

Charging Output

Output Voltage	400V AC
Charge Connector	Type 2 socket
Enclosure	Galvanized steel
Front Panel	Tempered glass

User Interface

LED Indicator	Green / Yellow / Red
LCD Display	2.7" black & white screen
Start Mode	Plug & Play
RFID Reader	No
Emergency Stop	No

Communication

Wi-Fi	No
Ethernet	Optional
3G / 4G	Optional
OCPP	OCPP 1.6 Json (OCPP 2.0 optional)

Safety

Energy Meter	MID certified
RCD	30mA Type A + 6mA DC
Ingress Protection	IP54
Impact Protection	IK08
Certification	CE
Certification Standard	EN/IEC 61851-1:2017, EN/IEC 61851-21-2:2018
Warranty	2 years
Electrical Protection	Over current protection, residual current protection, short circuit protection, ground protection, surge protection, over/under voltage protection, over/under frequency protection, over/under temperature protection

Installation & Environment

Installation	Wall-mount
Work Temperature	-30°C ~ +50°C
Work Humidity	5% ~ 95%
Work Altitude	<2000m

Dimensions & Weight

Product Dimension	452 × 295 × 148mm (H×W×D)
Package Dimension	560 × 380 × 210mm (L×W×H)
Net Weight	11kg
Gross Weight	12kg
External Package	Carton

Notes





ITRAMAS™

For a greener, smarter and safer tomorrow



ITRAMAS



ITRAMAS™

For a greener, smarter and safer tomorrow

Why Choose ITRAMAS™

- ✓ Award winning green technology company since 1999
- ✓ The largest vertically integrated Renewable Energy Developer
- ✓ Operating 200 MWp and developing 1.5GWp Large Scale Solar Plant
- ✓ Extensive experience and expertise in the solar industry
- ✓ Executed more than 1000 residential and commercial solar projects

www.itramas.com

 +603 5569 8806

 +603 5569 8805

 hello@itramas.com

Scan the QR



V2.1 (2026)