



**s.charge**

**A1- Pro AC Type 2 EV Charger**      7.4kW | 11kW | 22kW

## Key Features

- **Single Or Dual Charging Gun:** Option available for single or dual Type 2 charging guns, each with 5m cables.
- **Power Options:** Choose from 7.4kW (1Φ), 11kW (3Φ), Or 22kW (3Φ) per gun
- **Energy Metering:** Class 1 Energy Metering for accurate consumption
- **Mobile App With RFID Access:** Convenient control via mobile app & RFID
- **Private/Commercial Mode:** Flexible modes with CMS Integration for billing with pre-integrated payment gateway
- **Charger Management Software (CMS):** Remote diagnostics, billing, & management
- **Smart Load Management:** Power cap & dynamic scheduling for energy optimisation
- **Display Interface:** Intuitive User interface & interaction
- **Compliance Standards:** Meets IS 17017-1 / IEC 61851-1 & OCPP 1.6J/2.0.1 (Coming Soon)
- **Sleek Design:** Modern & Ergonomic design enhances user experience & usability
- **Easy Installation:** Install the charger without opening the enclosure with easy click fit electrical connection



# A1. Pro AC Type 2 EV Charger

## Technical Specifications

### Power Output

<b>Max Charging Power &amp; Current</b>	<b>Single Gun</b> 32A (1Φ) - 7.4kW 16A (3Φ) - 11kW 32A (3Φ) - 22kW	<b>Dual Gun (Optional)</b> 32A (1Φ) - 7.4kW 16A (3Φ) - 11kW 32A (3Φ) - 22kW
<b>AC Output Voltage</b>	184 - 276 Vac (1Φ L-N), 347 - 480 Vac (3Φ L-L)	
<b>Output Cable / Gun Type</b>	5m IEC 62196 Type 2 cable for each gun	
<b>Mode of Charging</b>	Mode - 3	

### Power Input

<b>Input Voltage Range</b>	184 - 276 Vac (1Φ L-N), 347 - 480 Vac (3Φ L-L)
<b>AC Wiring</b>	1Φ - L1/ N/ PE or 3Φ - L1/ L2/ L3/ N/ PE
<b>Input Frequency (nominal)</b>	50 / 60 Hz
<b>Input Frequency Range</b>	45 - 65 Hz
<b>Standby Power @ Nom. Voltage</b>	< 80 VA max (single gun)

### Safety

<b>Di-electric Strength Test</b>	3,000 Vac (Common Mode) or 3,000 Vac (Differential)
<b>Insulated Test Between Isolated Terminals</b>	R > 1M Ω
<b>Over Voltage Category</b>	III
<b>Residual Current</b>	30mA AC   6 mA DC
<b>Other Safety Features</b>	Over Current, Under Voltage/Over Voltage, Over Temperature, Power Surge Protection, Earth Monitoring

### User Interface & Configuration

<b>Display</b>	LCD Display (Optional)
<b>Support Language</b>	English
<b>User Authentication</b>	RFID, SCharge Mobile App (for both Online charger & Offline charger via BLE), Free Vending, & 3rd Party OCPP
<b>Connectivity Options</b>	WiFi, BLE, Ethernet (RJ45), 4G/LTE (Optional)
<b>Visual Indication</b>	LED
<b>Other Communication</b>	OCPP V 1.6 J (JSON)
<b>Energy Metering</b>	Class 1.0, UPF
<b>Setup, Control, &amp; Monitoring</b>	SCharge Mobile app & SCharge CMS (optional)

### Load Management

<b>Manual Load Limiting (Max)</b>	1A steps via app
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### Mechanical

<b>Ingress Protection</b>	IP55
<b>Impact Resistance</b>	IK10 for Enclosure
<b>Dimension (H*W*D)</b>	41 X 27 X 17 (cm)
<b>Weight</b>	6.5 Kg Single Gun / 9.5 Kg Dual Gun
<b>Charging Cable Length</b>	5 Meter
<b>Material</b>	PC / PC-ASA
<b>Cable Storage</b>	Cable & Gun Holder
<b>Mounting</b>	Wall & Pedestal Stand (Optional)
<b>Cooling</b>	Natural Air

## A1. Pro AC Type 2 EV Charger

### Environmental

<b>Operating Temperature</b>	-10°C to 55°C (full power)
<b>Storage Temperature</b>	-20°C to 60°C
<b>Altitude</b>	2,000 meters
<b>Humidity (Non-Condensing)</b>	5 % to 95 %

### Standard / Certification

<b>Compliance Standard</b>	IS17017 -1 / IEC 61851-1
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# A1. Pro AC Type 2 EV Charger

## Ordering Information

**A1- Pro Type 2 EV Charger** Eg. A1.701, A1.2202DS, A1.1102S .. etc.

Charger	kW	Gun	Options
A1	7 11 22	01- Single Gun 02-Dual gun	0- Standard S- With Sim DS-With Display & Sim

## Accessories

Stand	SA.A1 Stand
Cable & Gun Holder	SA.Cable Gun Holder
Extra RFID	SA.RFID

SCharge Pvt Ltd.

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