15 kW Dual Gun AC Charger Technical Parameters



Objectives

- ◆ Ideal choice for residential and commercial EV charging.
- Optional RFID card reader, APP-based for user identification/security Protocols and management.
- Input: AC400V±15%
- Output: 400-440VAC
- Stylish, ergonomic and customizable design.
- Firmware OCPPvI.6 updates through remote connection.
- Charging interface: Input plug Type-2 pin female connector.
- User friendly LCD Touch display for customer interface.
- Wired connectivity, Easy to install, operate and service.
- Safety Measures-Emergency stop button with 18 various type protection.
- Robust IP65 ingress protection for indoor/outdoor.











Applications

- ◆ ★ Highway Fuel Outlets/service station
- Parking garage/back office
- Mall, shopping complex, university Commercial
- fleet operators
- **EV** infrastructure operators and service providers
- EV dealer workshop

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EV Charger Type		Parameters	Requirements
Charger Capacity 14kW Commercial Charger			
Mounting & Cable routing	General Information	0 11	7.1
Mounting & Cable routing			
Intel wiring 3-Phase,5 Wire (3P, N, PE) AC System Swires (L1, L2, L3, N, PE)			
Input Requirement Input voltage & Current AC400V±15% & 32Amp			
No of outputs Solidaria		AC Supply System	
Frequency	Input	Input voltage & Current	AC400V±15% & 32Amp
Output Power Output Power	Requirement	Wires	5 Wires (L1, L2, L3, N, PE)
Output Power Output Power		Frequency	50Hz / 60Hz
Output Power Charging Interface IEC 62196 Type 2 Output Voltage & Current 400-440 VAC & Each output 32Amp Power Factor ≥0.99(50% load above) Ambient & Storage Temperature 20 degree to 65 degrees & -40°C to 75°C Altitude & Humidity <2000 Mr & 5% to 95%, non-condensing	Output Power	No of outputs	02
Output Voltage & Current Power Factor Power Factor Ambient & Storage Temperature Environment Environment Ambient & Storage Temperature Cooling Method Charging Type Display & Language Push Button Ver Authentication Network Connectivity Communication Firmware (between EVSE & CMS) & COCP v.l. 6 or above Connectivity Communication Firm Agrange IP Rating IP 65 Cable length Encloser Material Dimension (WxDxH) Weight Protection & Safety Parameters Valor (Valor Code) Adviva (Valor (Valor) (Val		Output Connectors	Type-2 pin female connector
Power Factor ≥0.99(50% load above)		Charging Interface	7.1
Environment Anbient & Storage Temperature Altitude & Humidity Altitude & Humidity Cooling Method Charging Type Cohrol User Interface & Control Metering Information Communication Metering Information Network Connectivity Communication Firmware (between EVSE & CMS) & OCCP v.1.6 or above Connectivity Communication IP Rating IP 65 Cable length Encloser Material Dimension (WxDxH) Weight Protection & Safety Parameters 20 degree to 65 degrees & -40°C to 75°C <2000 Mtr & 5% to 95%, non-condensing Natural Cooling HM/APP/CMS A.3" Display & English Emergency stop Mobile / QR Code / RFID / Password login Consumption Units(kWh) LAN/GSM/Wi-Fi Consumption Units(kWh) Network Connectivity Communication Through remote connection IP Rating IP 65 Cable length 5 Meters Encloser Material Plastic Material Dimension (WxDxH) 280*240*210mm Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. Compliance/Standard/Certification EN IECG1851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		•	
Environment Altitude & Humidity <2000 Mtr & 5% to 95%, non- condensing Cooling Method Natural Cooling Charging Type HMI/APP/CMS Display & Language 4.3" Display & English Push Button Emergency stop User Authentication Mobile / QR Code / RFIID / Password login Metering Information Consumption Units(kWh) Network Connectivity LAN/GSM/Wi-Fi Firmware (between EVSE & CMS) & OCCP v.1.6 or above Connectivity Communication between charger & vehicle Updates Through remote connection IP Rating IP 65 Cable length Encloser Material Dimension (WxDxH) Weight Protection & Safety Parameters Protection & Safety Parameters Compliance/Standard/Certification EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		Power Factor	` '
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User Interface & Control Display & Language Push Button User Authentication User Authentication Mobile / QR Code / RFID / Password login Metering Information Consumption Units(kWh) Network Connectivity LAN/GSM/Wi-Fi Communication Firmware (between EVSE & CMS) & OCCP v.1.6 or above Connectivity Communication between charger & vehicle Updates Through remote connection IP Rating IP 65 Cable length Encloser Material Dimension (WxDxH) Weight Protection & Safety Parameters Protection, Short Circuit, Over Temperature, Door opening protection etc. Compliance/Standard/Certification EN IEC61851-1:2019/61851-1:2017/62955:2018, CE, CPWD, ISO		Cooling Method	Natural Cooling
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Metering Information Consumption Units(kWh) Network Connectivity LAN/GSM/Wi-Fi Communication Firmware (between EVSE & CMS) & OCCP v.1.6 or above Connectivity Communication between charger & vehicle Updates IP Rating IP 65 Cable length Encloser Material Dimension (WxDxH) Weight Protection & Safety Parameters Mechanical Protection & Safety Parameters Compliance/Standard/Certification Methon Consumption Units(kWh) LAN/GSM/Wi-Fi Consumption Units(kWh) LAN/GSM/Wi-Fi CP Based communication Through remote connection Protection above CP Based communication Through remote connection Protection Through remote connection Protection Encloser Material Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		21.2	
Network Connectivity LAN/GSM/Wi-Fi		User Authentication	
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Updates Through remote connection IP Rating IP 65 Cable length 5 Meters Encloser Material Plastic Material Dimension (WxDxH) 280*240*210mm Weight 12Kg Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. Compliance/Standard/Certification EN IEC61851-1:2019/61851-1:2017/62955:2018, CE, CPWD, ISO	Communication		OCCP v.1.6 or above
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Cable length 5 Meters Encloser Material Plastic Material Dimension (WxDxH) 280*240*210mm Weight 12Kg Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. Compliance/Standard/Certification EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		Updates	Through remote connection
Plastic Material Plastic Material	Mechanical	IP Rating	IP 65
Mechanical Protection & Safety Parameters Protection & Safety Parameters Compliance/Standard/Certification Dimension (WxDxH) 280*240*210mm 12Kg Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		<u> </u>	
Mechanical Protection & Safety Parameters Protection & Safety Parameters Compliance/Standard/Certification Weight Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		Encloser Material	Plastic Material
Mechanical Protection & Safety Parameters Protection & Safety Parameters Protection & Safety Parameters Protection & Safety Parameters Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. Compliance/Standard/Certification EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		Dimension (WxDxH)	280*240*210mm
Mechanical Protection & Safety Parameters Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening protection etc. Compliance/Standard/Certification EN IEC61851-1:2019/61851- 1:2017/62955:2018, CE, CPWD, ISO		Weight	12Kg
Compliance/Standard/Certification EN IEC61851-1:2019/61851-1:2017/62955:2018, CE, CPWD, ISO		Protection & Safety Parameters	Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, Door opening
		Compliance/Standard/Certification	EN IEC61851-1:2019/61851-
		Warranty period	