

Delta AC Mini Plus

Home/ Business Charging Station for Electric Vehicles

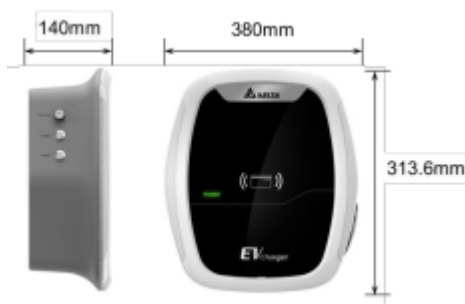


Application

Designed to be installed in-garage or outdoors at residential homes, apartment blocks, business premises and other places where user authentication is not a requirement.

Key Features

- Modern and stylish appearance design
- Up to 32A @ 230V charging
- Max. output power: 7.36 kW
- IEC 62196-2 Type 1 / Type 2 tethered plug and Type 2 socket
- User-friendly interface and RFID authentication
- Easy for installation and wiring
- Built-in network connectivity (OCPP)
- IP55 protection and IK08 vandal-proof casing



About NextGen Energy

NextGen Energy is not only NZ's first, and only, **not for profit** power company.

We also provide turnkey energy solutions for:

- Residential storage systems
- Community-owned electricity schemes
- Offsite solar power generation
- Grid-scale storage technologies
- Commercial energy efficiency
- Electric vehicles & charging systems
- Off-grid subdivision development
- Lines company capacity support

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Technical Data

Power Input	Input Rating	230 Vac, single phase, 16 A or 32 A max., 50/60 Hz
	Number of Phase/Wire	L, N and PE (Ground), hardwired with terminal block
	Standby Power	< 5 W
	Internal RCD	30 mA RCD and DC 6 mA RCD function
Power Output	Output Rating	230 Vac, single phase, 16 A or 32 A max., 50/60 Hz 3.68 kW or 7.4 kW max.
	Charging Interface	(1) IEC 62196-2 Type 1 or Type 2 tethered plug, 4 m cable (2) IEC 62196-2 Type 2 Socket
Protection	Upstream	In accordance with local regulations
	Electrical Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault, Plug-out protection
	Cold-Load Pickup	Randomized delay before charge resume after power failure
	Automatic recovery after nuisance trip	The EVSE will automatically resume charging after a minor fault such as OVP, UVP, OTP or OCP. No user intervention required.
User Interface & Control	Status Indicators	Power, Charging, Fault, Connected
	Buttons and Switch	Key switch, On/Off switch, Reset-button, Emergency stop button
	Charger Configuration	Charging Current Adjustment, Charging Duration Limitation
Communication	Network Interface	Ethernet (standard), WLAN (option), 3G 9option), for backend communication Ethernet (standard), Bluetooth (option) for local access
	Charging Protocol	OCPP
Environmental	Operating Temperature	- 30 to 50 C (- 22 F to 122 F)
	Storage Temperature	- 40 to 80 C (- 40 F to 176 F)
	Humidity	< 95% relative humidity, non-condensing
	Altitude	Up to 2000 m (6000 ft)
Mechanical	Ingress Protection	IP55
	Enclosure Protection	IK08 according to IEC 62262
	Cooling	Natural cooling
	Dimension (W x H x D) / Weight	380 x 313,6 x 140 mm (15,0 x 12,3 x 5,5 in), excluding charging connector and cable 3,7 Kg (8,2 Lbs), without package
Regulation	Certificate/ Compliance	CE (in progress); IEC 61851-1, IEC 61851-22

FULL TECHNICAL SPECIFICATIONS AVAILBLE ON REQUEST – SPECIFICATIONS MAY CHANGE WITHOUT NOTICE