Delivering the future, today by

e-green TECHNOLOGIES

E-Charger Stand Alone or Networked Electric Vehicle (EV) Charging Station EC15A/32A Units

The EC15A/32A EV charging stations manufactured and designed by E-Green Technologies Pty Ltd are unique and the most feature-packed charging stations available in Australia. These units can be installed alone or in a network of smart charging infrastructure for EVs.

E-Charger performs energy metering via a certified electronic meter. The client payment is done via an innovative SMS generated message (patent pending). This flexibility allows anyone with a mobile phone and sufficient funds to have access to E-Charger - no subscription or special billing is required.

Easy Client Access

Any client with a mobile phone can access E-Charger. The access for a chaging session can be allowed by SMS to the same Australia-wide number. If a client has a compatible EV after the "handshake" between the EV and E-Charger, data about the battery charge level can be transmitted via SMS back to the client. E-Charger can also monitor and collect battery temperature levels and automatically cut off power, if required.

If E-Charger is to be used on roads or other Council property, E-Charger can perform a parking meter function, with payment also via SMS message.

Networked E-Charger

In an E-Charger network, communication is managed by a master charging station and local communication via a radio frequency (RF) network. Clusters of stations can be managed by a single master station, which uses a GSM modem to communicate with telecom operator.

E-Charger Network Operating System

The network operating system is based on open and highly secure, industry standards-based platform, and will provide communication between E-Chargers and telecom hosted servers. It provides monitoring and remote upgrades as well as local data collection from compatible EV through a standard (ZigBee) protocol.

E-Charger Benefits

- **Easy access without any subscription**
- **E-Charger and parking meter incorporated in one unit (patent pending)**
- **Drivers notified by SMS about battery charge status**
- **Data collection and remote monitoring**
- **Mobile phone account billing**
- **Automatic load balancing across 3 phase**
- **15A at 240 VAC and 32 A at 240VAC plug in one unit**
- **Unoccupied/Occupied E-Charger flags accessible via 3G enabled mobile phones (in preparation)**

ORDERING CODE

EC15/32 - - - - -

SS-Single Phase 240Vac in/ Single Phase 15/32A out
PS-Poly Phase 415Vac in/ Single Phase 15/32A out
PP-Poly Phase 415Vac in/ Poly Phase 32A out

S-Single
N-Networked

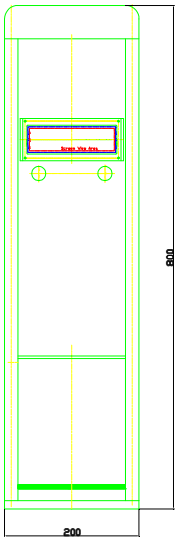
W-Wall Mtg
P-Pole Mtg
C- Column

P-Parking Opt.
O-No option

R-Real time vehicle sensing
*Only available with parking option in conjunction with Whereis or Google Earth

SPECIFICATIONS

- Two power outlets:15 Amp and 32 Amp (single phase)
- For 15 Amp @240Vac , delivering power is 3.6KW
- For 32 Amp @ 240Vac, delivering power is 7.6 kW
- Input Power 240V or 3 Phase 415V (selectable)
- 15 Amp and 32 Amp safety switches included
- Only one outlet can be used at a time
- Power consumption in stand-by mode less than 1W
- Power enabled via SMS
- Charging power consumed is billed through mobile carrier
- Energy meter accuracy better than 0.5%
- Dimensions 800mm(H) x 200mm x 200mm
- Weight approx 20kg
- Electrical plug sensing (connected / disconnected)
- Automatic load balancing across 3 phases (for a network)
- Local wireless capability (WLAN)
- Case Material: Aluminium anodised IP66
- Cover material: non flammable UV resistant polyurethane
- Lockable access door (power sockets)
- Pole mounted, wall mounted or free standing
- Stainless steel vandal proof buttons
- 20 x 4 line backlit LCD display
- Google Earth or Whereis 'occupied' or 'not occupied' notification (in preparation)
- Optional parking meter software (in preparation)
- Optional real time sensor for vehicle recognition in parking bay (in preparation)



For mounting brackets please consult factory
For EC15/32-C Column dimensions please consult factory