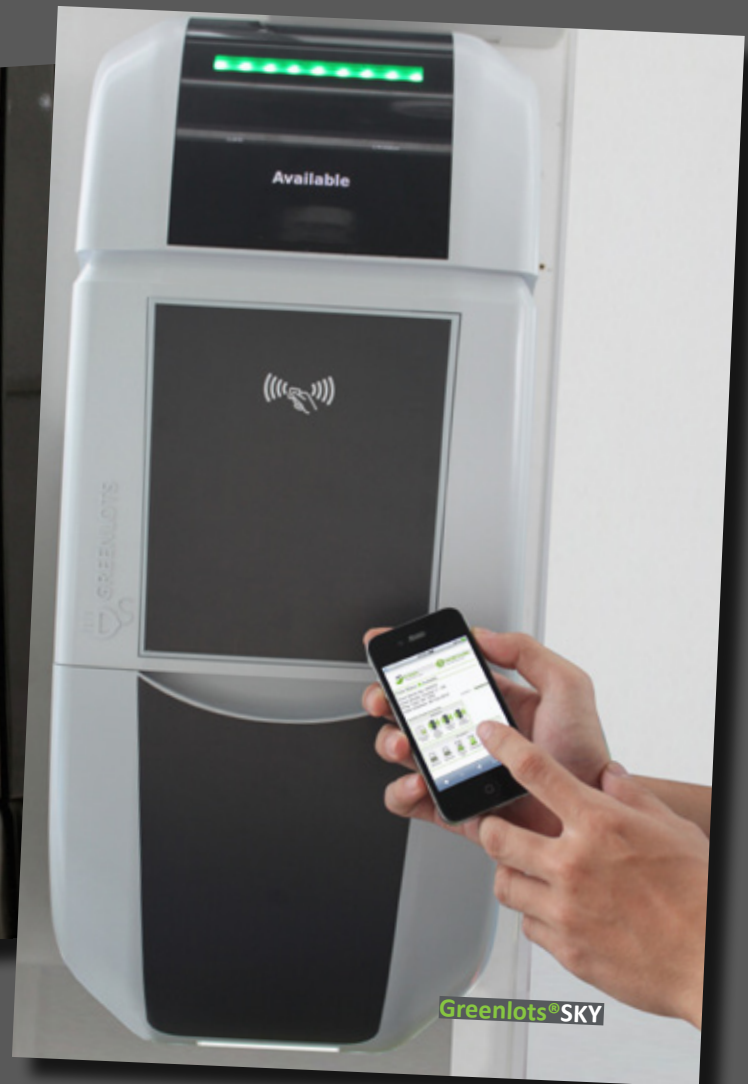


electric vehicle
charging networks

GREENLOTS® POINT SMART



The **Greenlots® Point Smart** is the most advanced Smart Grid enabled electric vehicle supply equipment (EVSE) available. The Smart component allows utilities and network operators maximum visibility and control to optimize performance of their charging network. With real-time, always-on communication, **Greenlots® Smart** units leverage the full potential of **Greenlots® Sky**, a web-based network portal that delivers usage data, fault reports, user billing and network monitoring in an attractive interface.

All of **Greenlots®** charging devices are designed to international safety standards for electric vehicle supply equipment (EVSE) such as IEC61851 and UL2202.

Greenlots® Point Smart also offers unparalleled customisation of casing, sockets and display messages to meet the needs of your local market.



Features

Charging

- Easy installation
- Charging voltage single phase 230V or optional 3 Phase 400V
- Charging current 16A – 32A
- Charging power 3kW, 7kW, 18kW

Safe

- Start charging process only after authorisation
- Auto power shut-off upon plug-out detection (Smart 3)
- Compliant with international standards
- Robust high-impact ABS enclosure

Smart

- Utility-approved energy meter accuracy
- Real-time data of power consumption
- Data log: stores charging history
- Remote device management via www.greenlots.com

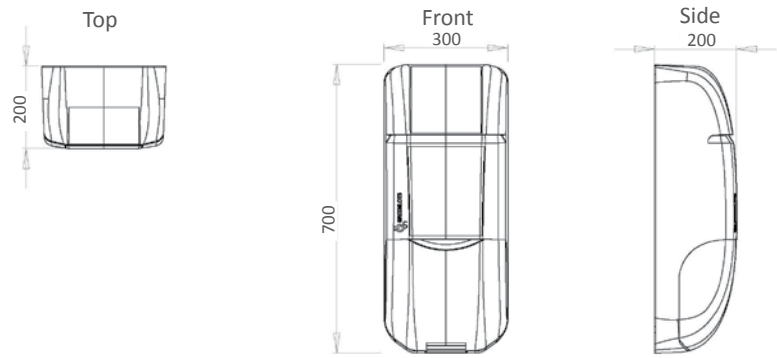
Access

- RFID authorisation key
- Socket is only energised after authorised user detected

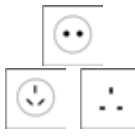



Customisation Options

- Exterior casing
- RFID authorisation key
- LCD display messaging
- Greenlots Sky software integration

Technical Specifications



All dimensions are in mm

Charging Type	Smart 1 Charging	Smart 2 Charging	Smart 3 Charging	Smart 3 Charging
Rated Charging (A.C.)	220 - 250V, up to 16 Amps	220 - 400V, up to 32 Amps		
Rated Frequency	50-60 Hz			
Socket Type	 Domestic Socket	 Industrial (IEC60309-2)	 SAE J1772 or IEC-2 EV Connector	 Cable attached with SAE J1772 or IEC-2 Connector
Control Pilot	Control pilot for 20A/32A charging			
Integral Earth Leakage Protection (RCD) Sensitivity	30 mA			
PCB Fuse Rating	2A, 250V			
Over Current Protection Required On-site	up to 16 Amps	up to 32 Amps		
Energy Meter Compliance	Accuracy according to IEC 61036 for class 1 or 2; Pulse output according to IEC 62053-21			
Meter Reading	On-site	Lit window for meter reading		
	Remotely	via GPRS		
Communication	WAN: TCP/IP via Quad-band GSM / GPRS LAN: Master/Satellite			
Smart Card Reader (RFID)	ISO 14443 Type A / B			
Safety Compliance	IEC 61851, CE mark			
Environmental (IP) Rating	IP 44			
Operating Temperature	-30 °C to 55°C			

Customisation Option For Greenlots® Point

