PREDIXON

CLUSTERED AC CHARGING FOR FLEETS

OMNIPLUG MC-11

11 vehicles · 121 kW

A clustered AC system for fleet depots that need to cycle every vehicle: one Master unit with a touchscreen and RFID reader manages ten slim Satellite units over a data bus. Built-in load management shares the site's grid connection across active sessions.



11 vehicles	121 kW	11 kW	IP54
Charging at once	Total, nominal	Per socket	IK10 enclosure

KEY FEATURES

Central management
The 11-socket cluster is monitored and managed from one Master unit.

Built-in load management
Grid capacity is shared dynamically across active sessions.

Priority rules
Priority and reservation for fleet or VIP vehicles.

Offline charging
Keeps working during outages via a local authorization list.

Per-socket metering
MID-approved meter and LED status ring on every socket.

Modular expansion
Satellite units are daisy-chained and grow with the site.

APPLICATIONS

- Fleet and logistics depots
- Corporate car parks
- Bus and van yards

TECHNICAL SPECIFICATIONS

Architecture	1 Master (HMI + RFID) + 10 Satellite units
Power per socket	11 kW (3-ph, 16 A) / 7.4 kW (1-ph)
Total connected power	121 kW nominal, shared by load management
Input	400 V AC ±10%, 3P + N + PE
Connectors	11 × Type 2 (IEC 62196-2), tethered
Connectivity · protocol	Ethernet + 4G/LTE backup · OCPP 1.6J
Authorization	RFID (ISO 14443A) · app (QR / BLE) · offline list
Environment	IP54 / IK10 · −25 °C to +50 °C

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