

Kempower DC Control Unit



Ideal for fleets/depots. Suitable for charging all types of electric vehicles, cars, trucks and buses.

> Speed:

600KW max system output /
160kw per control unit.

> Connectors:

Max 8 connectors from 1 power station on an
800V DC system and 6 connectors with adaptive
voltage systems ranging from 400V to 800V DC.



A system includes
1 power unit plus control
units (dispensers).



Control units can be a
maximum of 80m away
from power supply cabinet.



Dynamic or static
power distribution.



50kW power
stacks with 25kW
granularity.



Scalable
solution



Can be installed
indoors or outdoors.



ISO15118
Ready



Gantry or wall
mounted. 5M, 7M
or 10M charging



5M, 7M or 10M
charging leads
available.

Input & Output

Input voltage: 400v AC

Input frequency: 50Hz

Max output power per control unit: 160kW

Max output current: 200A

Output DC voltage: up to 800V

Work environment

Protection degree: IP54

IK protection: IK10

Environment operating temperature: -30°C to +50°C

Standby consumption: 25W

Mechanical

Dimensions: 400mm x 400mm x 200mm

Weight: 23.5kg (5m lead) to 28.5kg (10m lead). 200mm

Charging cable length: 5m, 7m or 10m lead lengths available.

Mounting: Gantry or wall mounted

Functions and Accessories

Connectivity: WIFI, Mobile (GPS), Ethernet

Communication protocol: OCPP 1.6/2.0.1

Load balancing: Dynamic or static power distribution
Connectors - 1 x CCS2 per control unit

Display/screen: OCPP 1.6/2.0.1

Authorisation methods

OCPP back office: Yes

Autocharge: Yes

ISO15118-2 plug & charge: 160kW

RFID: N/A

Contactless payment: N/A