

HIGHBURY DC



3-PHASE 11KW



APP CONTROL



CCS COMPLIANT

EFFICIENCY η

CHARGE >95%



**OCPP
INTERFACE**



**WI-FI/CELLULAR
CONNECTIVITY**



**REDUCED OVERALL
SYSTEM COST (NO OBC)**

The Highbury DC is the world's slimmest DC Charger. It is a high efficiency DC charger, delivers 11kW of power, and designed ideally for low-profile wall mounts or narrow spaces.



HIGHBURY DC

The Highbury DC is a low power DC charger ideal for private charging settings. It charges the EV battery directly, offering a cost-effective alternative to conventional AC charging that requires the additional on-board charger (OBC).



GENERAL

Efficiency

Charge Mode: >95 %

ENVIRONMENTAL

Operating Range

-30 °C to +50 °C

≤ 90 %RH

Storage Range

-40 °C to +70 °C

≤ 95 %RH

Ingress Protection

IP44

Installation Environment

For indoor or outdoor use

AC Grid	3-Phase
Nominal Voltage	340 – 530 V _{AC}
Nominal Frequency	45-66Hz
Maximum Current	16A RMS
Power Factor	Greater than 0.99 at full load; 0.98 at half loading
DC Output	
Maximum Power	±11 kW ¹
Voltage Range	200 – 450 V _{DC}
Rated Current	32 A _{DC}
Connector Type	CCS type 1 per IEC 62196-3 or CCS type 2 per IEC 62196-3

MECHANICAL

Dimensions

H: 820 mm

W: 350 mm (without cables)

D: 123 mm

Weight

< 32 kg (approx.)

Mounting

Wall Mounted

STANDARDS

Features and Safety

IEC61851-1: 3rd Ed 2017, and

IEC61851-23: 1st Ed 2014

EMC Emissions and Immunity

IEC 61851-21-2: 1st edition 2018

Communication

OCPP 1.6

CONNECTIONS

AC Cable

Bottom entry in circular conduit

EV Output

Selected plug type with 3.5m cable, secure plug holder

Communication Interfaces

Wi-Fi

Cellular (optional)

User Interface

Smartphone app (Android and iOS)

