

# DC Epsilon Single

30kW / 60kW DC Fast Charger

Compact single-outlet DC charging solution. Available in 30kW or 60kW models for scalable site deployment.



**Single CCS2 | 30kW or 60kW Model**



**OCPP 1.6J / 2.0.1 Compatible**



## Key Features & Benefits

### Flexible Power Options

Select 30kW or 60kW models to perfectly match site capacity requirements.

### Durable & User-Friendly

IP54 design (-30°C to +55°C) with 8" sunlight-readable touchscreen.

### Smart Operations







Full OCPP backend integration for remote monitoring & access control.

### Single-Port Efficiency

Straightforward user flow with a single CCS2 outlet for managed bays.

## Customisation Options

Tailor the DC Epsilon Single to your specific operational needs.

-  **Power Model:** Choose between 30kW or 60kW dedicated output models.
-  **Connector Standard:** Single CCS2 outlet (standard) for universal DC charging.
-  **Connectivity:** Ethernet & 4G modules for secure, reliable network communication.
-  **Payment & Access:** RFID, Mobile App, or optional integrated POS terminal.
-  **Branding:** Custom cabinet colours and vinyl decal placement for fleet identity.
-  **Site Integration:** Load-management profiles and heater kits available.

# Technical Specifications



PARAMETER	SPECIFICATION
Output Power	30kW or 60kW Models (Single-Outlet)
Input Voltage	400V±15% / 440V±10% / 480V±10% (3-Phase + PE   TN-S)
Power Efficiency	Power Factor ≥0.99   Efficiency ≥94%   45-65Hz
Output Voltage	CCS2 up to 1000Vdc
Output Current	Up to 200A Max (Dependent on 30kW/60kW model)
Connectors	Single CCS2 Standard (DIN 70121 / ISO 15118)
User Interface	8" LCD Touchscreen (800-nits)   Multi-language support
Authentication	RFID / Mobile App / Optional POS Terminal
Connectivity	Ethernet / 4G   OCPP 1.6J / 2.0.1
Protection	Over/Under Voltage, Over Current, Short Circuit, Ground Fault, Surge, Over Temp
Ingress Protection	IP54 (All-weather)   Forced Air Cooling
Dimensions	690 (W) × 459 (D) × 1686 (H) mm
Cable Configuration	5m Standard (7m Optional)
Operating Env.	-30°C to +55°C   Humidity ≤95%   Altitude ≤5200m
Certifications	CE   TUV   RCM

## Flexible Power Options

Choose between 30kW or 60kW single-outlet models. Ideal for managed charging bays where simplified single-port efficiency is required.



### KEY STANDARDS

- ☒ RCM Compliant
- ☒ CE / TUV
- ☒ IP54 Rated
- ☒ ISO 15118
- ☒ OCPP 2.0.1

# Applications & Use Cases

Designed for dedicated single-bay applications, the DC Epsilon Single delivers reliable 30kW or 60kW fast charging for workplaces, fleets, and public locations where space efficiency is paramount.



## Workplace Charging

Efficient full charges within a standard workday. Includes integrated access control and detailed reporting for employee usage management.



## Fleet Operations

Ideal for overnight or between-shift single-bay charging. Centralised management ensures specific fleet vehicles are ready when needed.



## Business Premises

Provide valuable customer and visitor charging within typical site power limits. An excellent amenity for office parks and mixed-use lots.



## Retail Precincts

Perfect for 1-2 hour top-ups while customers shop or dine. Attract EV drivers and increase dwell time with reliable DC service.



## Hotels & Venues

A premium guest amenity offering reliable DC turnaround with managed access. Ensures guests can depart fully charged.



## Regional & Municipal

Robust, all-weather charger designed for community infrastructure. Reliable operation in diverse conditions for public access charging.



## Customisation for your site

Tailored configurations available including single CCS2 connector, 30kW or 60kW model selection, integrated payment terminals, and full cabinet branding.

# DC Epsilon Single

Compact, flexible, and efficient DC charging.

- ✓ **30kW or 60kW Models**  
Single **CCS2** outlet options to match site capacity requirements.
- ✓ **Connected & Secure**  
OCPP 1.6J/2.0.1 via Ethernet/4G with RFID access control.
- ✓ **All-Weather Durability**  
IP54 rated (-30°C to +55°C) with forced-air cooling system.
- ✓ **Certified Performance**  
DIN 70121, ISO 15118, and **CE / TUV / RCM** certified.

## Next Steps

Contact our team today to request a comprehensive site assessment, discuss load planning, and develop a tailored installation timeline.

### CONTACT IRONBARK EV

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