

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 \pm 15% / 440V \pm 10% / 480V \pm 10% (3-Phase + PE TN-S)
Power Efficiency	Power Factor \geq 0.99 Efficiency \geq 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) \times 459 (D) \times 1686 (H) mm
Cable Configuration	5m Standard (7m Optional)
Operating Env.	-30°C to +55°C Humidity \leq 95% Altitude \leq 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

(07) 3916 2379

sales@ironbarkev.com.au

www.ironbarkev.com.au

Brisbane, Australia

