

# DC Beta

120–240 kW

Ultra-fast CCS2 charging solutions  
engineered for Australia.



- ⚡ Up to 240 kW Dual Output
- 🔌 CCS2 Standard for Australia
- 🌡️ -30°C to +50°C Operation



## Key Features & Benefits

### ⚡ Dynamic Power Distribution

Intelligently allocates power between two CCS2 outlets with granular control to maximize charging utilization.

### 🛡️ Premium Components

Core components from top brands like Phoenix and Schneider ensure operational stability and durability.

### ⚡ Enhanced Cooling

Independent air ducts with larger vents and 50% more fans than standard models for superior thermal management.

### 🔒 Interoperable & Secure

Full OCPP 1.6J compliance with ISO 15118 & DIN 70121 support for seamless fleet and CPO integration.

## 🔧 Configuration Options

Flexible hardware configurations designed for Australian deployment conditions.

- User Interface:** 8" LCD Touch Screen providing clear session data and intuitive user interaction.
- Payment & Access:** Supports RFID, QR code, Mobile App, and POS terminals (Pax, Nayax, Ingenico, Payter).
- Cable Management:** 5m standard or 7m extended cables available; optional cable management system.
- Environmental Pack:** Optional dehumidifier and heater for operation in extreme climates (-30°C to +50°C).

# Technical Specifications

PARAMETER	SPECIFICATION
Output Power	120 kW – 240 kW (Dynamic Power Distribution)
Input Voltage	400V±15% / 440V±10% / 480V±10% (3-Phase + N + PE)   TN-S
Frequency	45 ~ 65Hz
PF / Efficiency	≥0.99 / ≥94%
Output Voltage	CCS2 1000Vdc
Output Current	CCS2 400A Max
Connectors	<b>Dual CCS2</b> (Standard for AU)
User Interface	8" LCD Touch Screen
Payment / Access	Mobile APP / RFID / POS Terminal
Network	4G / Ethernet / OCPP 1.6J
Operating Temp	-30°C to +50°C
Storage Temp	-35°C to +55°C
Env. Protection	IP55   ≤95% Humidity (Non-condensing)   Forced Air Cooling
Dimensions	1058 (W) x 700 (D) x 1960 (H) mm
Cable Length	5m standard (7m optional)
Warranty	24 Months
Standards	RCM, NTC CE, DIN 70121, DIN 70122, ISO 15118

## Australian Configuration

Configured specifically for the Australian market with dual CCS2 connectors and TN-S grid compatibility. Tested for harsh conditions up to 50°C.

### CERTIFICATIONS

- RCM
- NTC CE
- ISO 15118
- DIN 70121
- IP55 Rated



# Applications & Use Cases

Designed for versatility, the DC Beta supports critical charging infrastructure across diverse Australian sectors, ensuring reliability where it matters most.



## Highways & Intercity

Rapid turnaround charging for long-distance travel. High power output ensures drivers spend less time waiting at roadhouses and service centres.



## Commercial Fleets

Logistics, rideshare and government fleets with dynamic sharing. Optimises power usage for overnight or opportunity charging at depots.



## Retail & Precincts

Shopping centres, business parks and entertainment venues. Provides a premium amenity that increases dwell time and foot traffic.



## Service Stations

Future-proof existing fuel sites with ultra-fast charging. Compact footprint allows integration alongside traditional petrol bowsers.



## Regional & Mining

Ruggedised operation for heat, dust and coastal environments. Essential for electrifying site vehicles in Australia's resource sector.



## Councils & Tourism

Destination charging to support local EV adoption and tourism routes. Reliable infrastructure for communities and visitors.



## Customisation for your site

Flexible configuration options including connector standard (CCS2 Dual), cable length (5m/7m), bollards, plinths, canopy integration, payment terminals, and site-specific load

# Power Your Network

Scalable, reliable DC charging built for Australia.

## **120-240kW Output**

Dynamic power distribution with dual CCS2 ports.

## **Intelligent & Connected**

Full OCPP 1.6J support for seamless management.

## **All-Weather Reliability**

IP55 rated, operating from -30°C to +50°C.

## **Flexible Deployment**

5m/7m cables, 24-month warranty, and custom branding.

## **Next Steps**

We are a dedicated wholesale provider. Contact us directly for a competitive quote on your charging infrastructure requirements.

## **CONTACT IRONBARK EV**

 07 3916 2379

 [sales@ironbarkev.com.au](mailto:sales@ironbarkev.com.au)

 [www.ironbarkev.com.au](http://www.ironbarkev.com.au)

 4/7 Lathe St, Virginia 4014

