

ULTRAFAST EV CHARGERS



INNOVATIVE COMBINATION GRID & BATTERY EV CHARGERS



**Supplies up to 240kW Rapid Charge
from a 50kW Grid connection**

100Km range in approximately
5 minutes charging time.



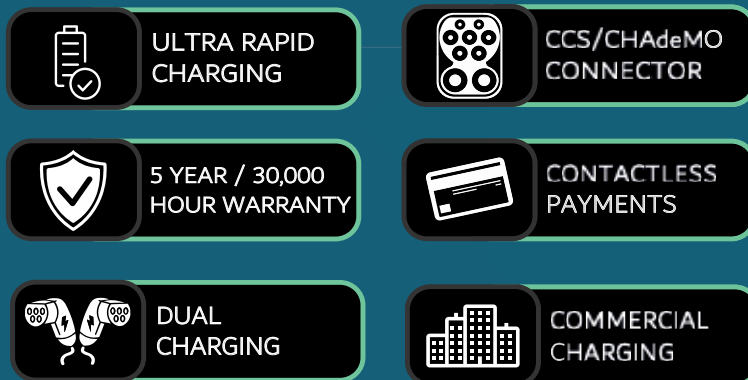
AR25-240 ULTRA FAST CHARGERS

Supplies up to 240kW Rapid Charge from 50kW Grid connection
(Integrated battery capacity can be customised to accommodate 25kW Grid connection)



AR25-240 Encompasses Future EV Charging Technologies

- ✓ AR25-240 Rapid EV Charger is a hybrid three-phase/battery, commercial DC charging unit.
- ✓ Dual charging is constant and proportional when 2 cars are charging simultaneously.
- ✓ Bespoke App allows for easy fleet and cost management.
- ✓ Pay as you go options to meet current forecourt platforms.
- ✓ 100km range in approx. 5 min charging time



- ✓ Optimise number of chargers in limited space / grid connections.
- ✓ Avoid expensive installation and service costs.
- ✓ Customised payment solutions to improve end user experience.
- ✓ Local support and maintenance provision.
- ✓ Stock available to meet customer deliveries in a reasonable time frame.
- ✓ Customised enclosures to match current environment.
- ✓ Own brand options available.

Manufactured in Northern Ireland



www.digrenenergy.ie

Input & Output - Input from 20kW upwards - Output as below or option to customise

Input amps	186A Three Phase
Input voltage	340~415V AC
Input frequency	50/60HZ
DC outlet type	CCS2/CHAdeMO
Output voltage	200-750V DC
Max. output power	240KW
Max. output current	2 x 200A DC
Voltage accuracy	<±0.5%
Current accuracy	≥30A ≤±1%; <30A: ≤ ±0.3A
Ripple coefficient	RMS: ±0.5%;Peak: ≤±1%
Meeting accuracy	0.5%
Efficiency	≥94%
Cable Length	5m

Protection

Over voltage protection	✓
Under voltage protection	✓
Over load protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Surge protection	✓

Function & Accessory

Display	7 inch screen
Ethernet/WIFI/4G	Yes/Opt/Opt
RCBO	Type A +6mA DC fault current protection (Equivalent to Type B)
LED Indicator light	✓
Emergency stop button	✓
Intelligent power adjustment	Opt.
RFID	✓

Working Environment

Protection degree	IP54/IP65/IP67
Environment temperature	-30°C~+50°C
Relative humidity	5%-95% non-condensing
Cooling	Air & liquid cooling
Standby power consumption	< 30W
Noise emission	≤55db
IK Rating	IK10

Mechanical

Dimension (W/H/D)	900/2045/800mm
Weight	600KG

Mounting & Accessories

Floor-mounting	Standard
Recommended base size	TBC/TBC/TBCmm

Certifications

CE	✓
EN 61000-6-2; EN 61000-6-4	✓



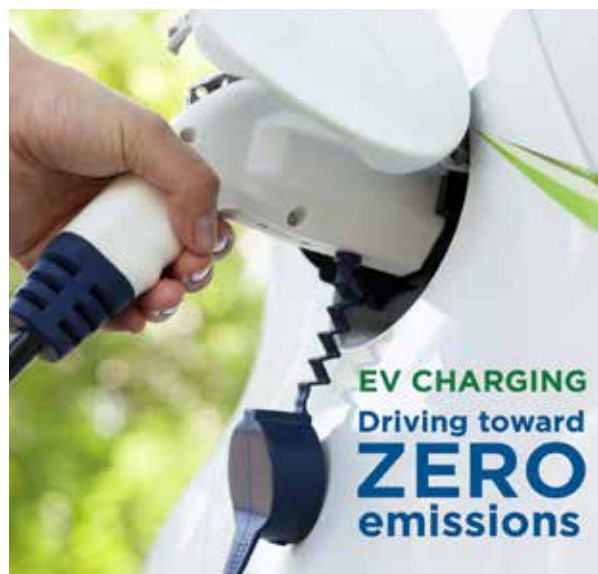
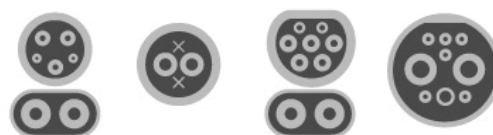
Up to 120 kW charging capacity per dispenser

Low-noise charging

Liquid-cooled charging cable

Suitable for plug types CCS2/CHAdeMO

Integrated 7-inch touch-screen



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