

AR20-60 BOOST CHARGERS

Supplies up to 60kW Boost Charge from 20kW Grid connection
(Integrated battery capacity can be customised to accommodate higher Grid connection)

arbarr[™]
ENERGY STORAGE SYSTEMS

AR20-60 Encompasses Future EV Charging Technologies

- ✓ AR20-60 Boost EV Charger is a hybrid three-phase/battery, commercial DC charging unit.
- ✓ 29 Cars can be charged per Day (24 hour).
- ✓ Dual charging is constant and proportional when 2 cars are charging simultaneously (30kW + 30kW).
- ✓ NAYAX OCPP1.6
- ✓ Easy fleet and cost management.
- ✓ Pay as you go options to meet current forecourt platforms.
- ✓ 100km range in approx. 15 min charging time



BOOST CHARGING



CCS/CHAdeMO CONNECTOR



3 YEAR WARRANTY



CONTACTLESS PAYMENTS



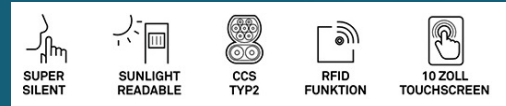
DUAL CHARGING



COMMERCIAL CHARGING



AR41127



OCPP1.6J Support

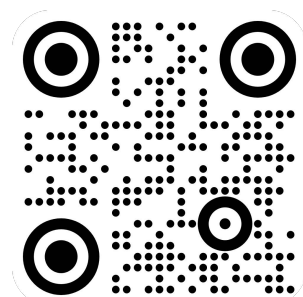


- ✓ Optimise number of chargers in limited space / grid connections.
- ✓ Avoid expensive installation and service costs.
- ✓ Local support and maintenance provision.
- ✓ Stock available to meet customer deliveries in a reasonable time frame.
- ✓ Customised enclosures to match current environment.
- ✓ Friendly interface with multi information display, easy operation.
- ✓ Multipurpose functions with alarm, over-voltage, undervoltage, short circuit, leakage, lightning protection.
- ✓ Own brand options available.
- ✓ CE, UKCA, IEC certification & compliance.

CONTACT US



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

Input amps	20kW 32A Three Phase
Input voltage	260-530V AC
Input frequency	50/60HZ
DC outlet type	CCS2/CHAdeMO
Output voltage	200-750/600V DC
Max. output power	60KW (30+30)
Max. output current	2 x 150A
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	6m
Energy Storage Capacity	60 kWh

Protection

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

Function & Accessory

Display	7/15 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	✓
RFID	✓

Working Environment

Protection degree	IP54
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

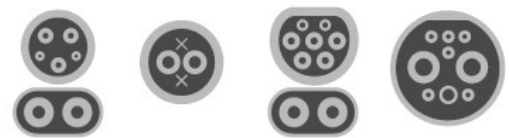
Floor-mounting	Standard
Recommended base size	TBC/TBC/TBCmm

Certifications

CE, UKCA	✓
EN 61000-6-2, EN 61000-6-4	✓
EN 62196, EN 61851	



Up to 60 kW charging capacity in single CCS2
 Low-noise charging
 Suitable for plug types CCS2/CHAdeMO
 Integrated 10-inch touch-screen



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