



ULTRA-FAST DC CHARGER

ASDC-A

60kW – 320kW / 21.5" HD media screen

High-power commercial charger with dual-port independent output and a built-in 21.5" HD screen — ultra-fast charging, smart operation and on-site advertising revenue in one free-standing cabinet.

320 kW

MAX OUTPUT POWER

21.5" HD

ADVERTISING SCREEN

×2 ports

INDEPENDENT OUTPUT

IP54 / IK10

OUTDOOR RATED



SCALES WITH THE SITE

60kW to 320kW with dual-port independent output for buses, trucks and cars

LOW LOSSES

Efficiency above 95% and power factor ≥ 0.98 per kWh sold

OPEN PROTOCOLS

OCPP 1.6 JSON with optional RFID / app identification and station management

MULTI-STANDARD

CCS1, CCS2 and CHAdeMO compatibility covers mainstream EVs worldwide

TWO SCREENS

10.1" operator touchscreen plus a 21.5" HD screen for promotion and paid advertising

INDOOR OR OUTDOOR

IP54 / IK10 floor-standing installation, air cooled, -30°C to $+50^{\circ}\text{C}$

APPLICATIONS

EV bus stations & depots

Highway service stations

Parking garages & malls

Fleet operators

Charging network operators

Dealer workshops

POWER

Input connection	3-phase: 3P+N+PE
Input voltage	400Vac $\pm$ 10%
Frequency	50Hz or 60Hz
THDi	$\leq$ 5%
Power factor	$\geq$ 0.98
Output voltage	150Vdc – 1000Vdc
Max. output current	200A (250A optional)
Rated power	60kW – 320kW

USER INTERFACE & CONTROL

Display	10.1" colour touch screen (12" option)
Advertising screen	21.5" HD
Authentication	RFID ISO/IEC 14443 (app / card option)
LED indicator	Green / blue / red
Connector	CCS2 (CCS1 / CHAdeMO / NACS optional)
Outlets	1 or 2
Energy metering	DC meter, 1% accuracy

COMMUNICATION

Backend link	Ethernet (4G optional)
Charging protocol	ISO 15118, DIN 70121
Backend protocol	OCPP 1.6J (OCPP 2.x coming soon)

ENVIRONMENTAL

Operating temp.	-30°C to $+50^{\circ}\text{C}$
Storage temp.	-40°C to $+75^{\circ}\text{C}$
Humidity	Max. 93% RH, non-condensing
Altitude	$\leq$ 2000m
Ingress / impact	IP54, IK10
Cooling	Air cooling
Mounting	Free standing

PROTECTION

Residual current	RCD fitted
Internal fuse	Yes
Electrical	Over / under voltage, over current, short circuit, over temperature, lightning, ground fault, surge

CONFIGURATION OPTIONS

Connectors	CCS1, CHAdeMO or NACS in place of CCS2
Payment	App or credit card reader
Connectivity	4G modem
Branding	Custom cabinet livery and UI skin
Cable length	5m standard, customisable

THE 21.5" SCREEN AT WORK

Brand promotion

Station livery, operator branding and campaign creative play full-screen while the vehicle charges.

Information release

Tariffs, safety notices and site instructions are published to the screen from the back office.

Advertising revenue

Third-party advertising slots add a value-added income stream alongside energy sales.