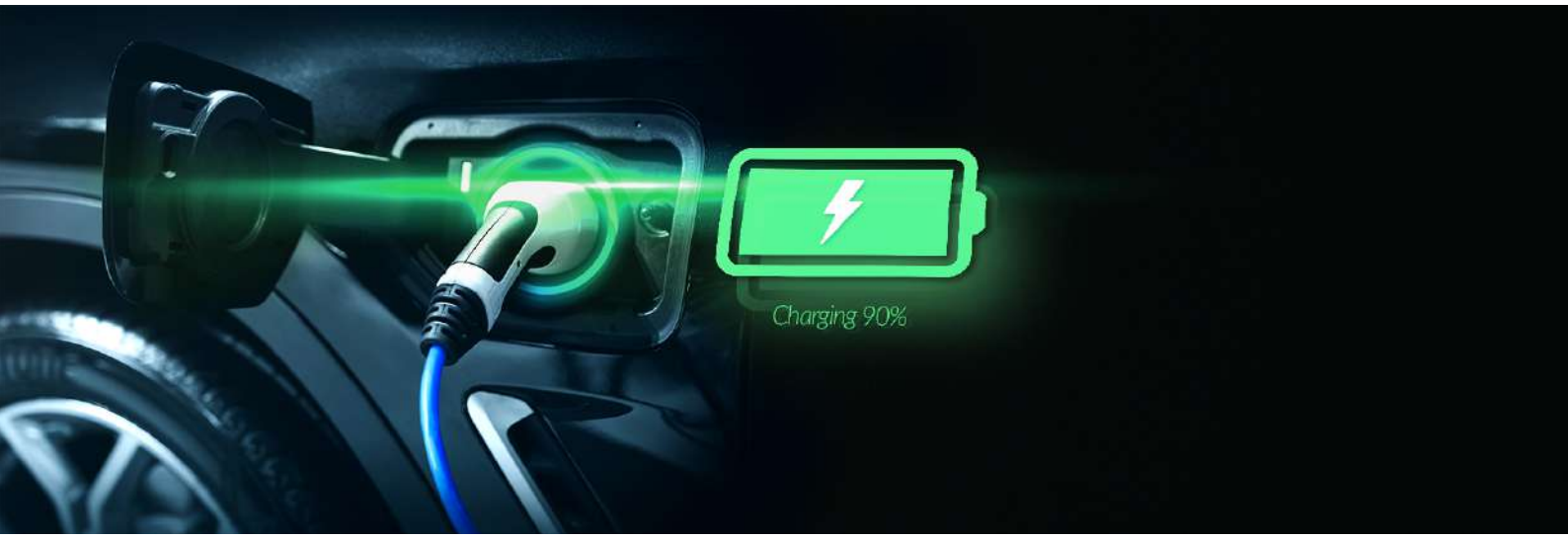
DAVIS eVO

DAVIS LIGHTING

Fueling ***Tomorrow's Drive, Today***



Discover ultra convenient Electric Vehicle Charging with user-friendly interface, smart protection and compatability with renewable energy, our EVC portfolio embodies ease, environmental consciousness and sustainable urban mobility.

DAVISeVO EV AC Charger
Features & Benefits

Compact and User-Friendly

- Maximise space efficiency
- Offer simple plug-and-charge functionality with one touch stop/restart using RFID card or Smart EV Charger APP

Intelligent Connectivity

- Easily manage and monitor charging experience via Smart EV Charger APP
- Seamlessly integrates into existing infrastructure through wifi connectivity and OCPP 1.6 standard compliance

Designed for User Convenience

- Over the air (OTA) remote firmware updates, minimising onsite interventions while ensuring optimal and seamless performance

Swift Charging Capability

- Swiftly deliver AC charging up to 22kW of continuous power output, ensuring efficient and speedy charging

Effortless Installation and Use

- Versatile installation options: wall-mounting or pole mounting
- Wall-mounting setup takes just 20 minutes, no specialised tools needed

Durable and Dependable

- Shields against water and dust (IP54 rating)
- Equipped with built-in safety features, protecting against over/under voltage, over load, short circuit, earth leakage, over-temperature and lightning

DAVISeVO

Davis EV Charger

GET IT ON Google Play

Download on the App Store

Elevated Charging Experience

Seamless EV charging with advanced tech and user-friendly design. Our EVC solution blends innovation, efficiency and an intuitive Smart EV App for added versatility.

Advanced Energy Management

Take control of your energy use. Schedule and optimise charging times to keep your electric vehicle primed while easing the load on the power grid.

Greener Future

Opt for our EVC solution to power your vehicle while making a positive impact on the environment through clean transportation and reduced carbon emissions.

Battery-Optimised Charging

Enjoy intelligent charging that adjusts rates according to your EV's battery condition and needs. This approach optimises battery health, leading to a longer lifespan and better overall performance.

Product Specifications

DAVISeVO EV AC Charger			
Model No	DVC10-A7KGP1E5M	DVC10-A11KGP1E5M	DVC10-A22KGP1E5M
Input voltage & frequency	Single Phase, AC 230V ± 10%, 50/60 Hz	Three Phase, AC 400V ± 10%, 50/60Hz	Three Phase, AC 400V ± 10%, 50/60Hz
Output voltage	Single Phase, AC 230V ± 10%	Three Phase, AC 400V ± 10%	Three Phase, AC 400V ± 10%
Max output power (kW)	7	11	22
Max output current	≤ 32A	≤ 16A	≤ 32A
Charging interface type	EN/IEC 62196-2016 AC Type 2		
Connection type	Type 2 Plug, 5M charging cable & plug (other length available upon request)		
Power factor	≥ 0.99		
Efficiency	≥ 99.5%		
Standby power consumption	≤ 5W		
Ingress Protection	IP54		
Operation temperature	-30°C ~ 55°C		
Relative humidity	≤ 95% non-condensation		
Maximum altitude	≤ 2000M		
Protection	Over voltage, under voltage, over load, short circuit, earth leakage, over-temperature and lightning protection		
Communication/LED indicator	WIFI / OCPP 1.6		
Human-computer Interaction	Davis EV Charger APP		
RCD	Type A		
Supported payment	RFID/ internet		
Emergency stop button	Yes		
Intelligent power adjustment	Adaptive load management ready		
Dimension (W*H*D)	230 * 375 * 115mm (wall mounting)		
Net weight (kg)	3.80	4.80	5.30

Accessories

Model No	Description	Connector	Cable Length
A7KGC5M	Charging cable and plug for 7kW AC charger	Type 2	5M
A11KGC5M	Charging cable and plug for 11kW AC charger	Type 2	5M
A22KGC5M	Charging cable and plug for 22kW AC charger	Type 2	5M
ARC	RFID Card		

Charging Time

Model	Battery Capacity	Range (km)	50 KM Charging Time			0 to 100% Charging Time		
			7 kW	11 kW	22 kW	7 kW	11 kW	22 kW
Volvo XC40 Recharge	65.4 kWh	438 KM	76 min	50 min	25 min	11h 30 min	7 h 30 min	3h 45 min
Tesla Model 3	78.4 kWh	675 KM	55 min	35 min	x	11h 30 min	7h 30 min	x
BYD Atto 3	60.48 kWh	480 KM	60 min	x	x	9h 30 min	x	x
Hyundai Kona	48.4 kWh	342 KM	70 min	46 min	23 min	7 h	4h 30 min	2h 20 min
	65.4 kWh	490 KM				9h 30 min	6 h	3 h
ORA Good Cat	47.8 kWh	400 KM	70 min	x	x	7 h	x	x

*Cruising range and battery capacity data are sourced from the car brand's official website and are for reference only due to test variations across models and usage environments.

** Estimated time. Actual results will vary from vehicle to vehicle.