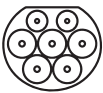# Saturn

Dual Charging AC Charger

Workplace

Parking

Destination

AC Type 2

Saturn is a compact AC charger with two connectors, each providing an output capability of 22 kW, allowing for simultaneous charging for a combined output of up to 44 kW. Its flexible mounting options make it ideal for locations with limited space and high charging demands, such as destination charging points. Saturn is compatible with 99% of mainstream electric vehicles, ensuring broad compatibility across the market.

Adjustable Power Output

Compatible with various power levels from 7kW to 22 kW, allowing adjustment according to different scenarios for maximum flexibility.

Flexible Integration to Backend

Fully supports the OCPP 1.6J protocol, enabling seamless integration with both StarCharge and third-party charging management systems.

MID-Certified Meter

Provides accurate billing and usage tracking with a high precision level and a deviation of less than 1%.

Easy Maintenance

Designed with quick access and modular key parts for fast repairs and reduced maintenance costs.

Saturn

Compact, durable, efficient, user friendly and space efficient for charging stations.

Destination Scenario

22 x 2 kW in this scenario, charge at destination, 1-2h, maximum 44 kWh
(with one car) or 88 kWh (with two cars at the same time).

1~2 Cars charging at the same time

1~4 Cars charging at the same time
(Two saturns installed back to back)

Specifications

Specifications are subject to change without notice.

Product Model	AC0220EN047
Power Rating	2 x 22kW/2 x 32A max.
Input Configuration	400Vac±10%, 2*three-phase, 50/60Hz, L1+L2+L3+N+PE
Grid Type	TN-S, TN-C, TN-C-S, TT
Charging Interface	Configuration 01: 2 x IEC 62196-2 Type 2 tethered plug (Case C)
	Configuration 02: 2 x IEC 62196-2 Type 2 socket (Case B)
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	Control pilot (default), ISO 15118 (optional)
Operating Temperture	-25℃ to 50℃
Protection Grade	IP54@Case B, IP55@Case C，IK10
Cooling	Natural cooling
Charging Cable Length	5m
Dimension(WxHxD)	395*504*197mm
Weight	11kg (Case B)/16kg (Case C)
Certification	CE-RED, CB, UKCA, RCM, WPC, NTC