



Saro Series Business Smart Charger

Saro Series Home Wallbox is designed to meet the demanding needs of homeowners. It offers a variety of connectivity options and features a compact, space-saving design. With its dynamic load management system, users can enjoy cost-effective charging solutions. It is also easy to operate and maintain via a user-friendly app or software system, ensuring maximum flexibility and convenience.

EU & UK Standard



Versatile

- Type 2 / T2S Socket
- Customizable enclosure choice
- Activated by RFID
- Convenient back plate for easy cable access

Intelligent

- Multi communications (Wi-Fi / 4G / Ethernet)
- App charging scheduling
- Dynamic load balancing

PV Compatible

- 0 emission PV charging
- Seamless integration with PV systems
- Adjustable current for optimized PV usage

Safe & Convenient

- 30mA Type A + 6mA DC
- Relay-sticking protection
- Ergonomic and user-friendly enclosure design



EN 303 645 (UK Standard Only)

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Datasheet	Model	AC022K-BE-45S1 AC022K-BB-45S1	AC022K-AE-45S1 AC022K-AB-45S1	AC022K-TE-45S1
Electrical Specification	Power Supply	3P+N+PE		
	Rated Voltage	400V AC		
	Rated Current	32A		
	Frequency	50 / 60 HZ		
	Rated Power	22KW		
Basic Attributes	Product Standard	BE: EU / BB: UK	AE: EU / AB: UK	FR
	Charge Connector	Type 2 Socket	Type 2 Cable	T2S Socket
	Cable Length	/	7m	/
	Enclosure	PC		
	Installation	Wall-mount / Pole-mount (Optional)		
Interactive Interface	LED Indicator	Green / Yellow / Red		
	RFID Reader	Mifare ISO / IEC14443A		
	Start Mode	Plug to Charge / RFID card / App		
Communication	Wi-Fi & Ethernet & Bluetooth & 4G	Standard		
	OCPP	OCPP 1.6 Json		
Safety	RCD	30mA Type A + 6mA DC		
	Ingress Protection	IP54	IP65	IP54
	Impact Protection	IK10		
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over / Under voltage protection, Over / Under frequency protection, Over temperature protection		
	Certification	CE, CB, RoHS, Reach, EN 303645		
	Certification Standard	IEC 61851-1:2017 EN IEC 61851-1:2019 EN IEC 61851-21-2:2021 EN IEC 61000-6-1:2019 EN IEC 61000-6-3:2007+A1 EN 300 328 V2.2.2:2019 EN 300 330 V2.1.1:2017 EN 301 489-1 V2.2.3:2019 EN 301 489-3 V2.1.1:2019 EN 301 489-17 V3.2.0:2017 EN 62311:2020 BS 7671:2018+A2:2022		
	Warranty	2 years		
Working Environment	Operation Temperature	-30℃ ~+50℃		
	Work Humidity	5%~95%		
	Work Altitude	≤2000m		
Package	Product Dimension	374x226x174 mm (H*W*D)	374x226x164 mm (H*W*D)	374x226x174 mm (H*W*D)
	Package Dimension	430*330*235 mm (L*W*H)		
	Net Weight	2.6kg	3.5kg	2.6kg
	Gross Weight	3.5 kg	7.0kg	3.5 kg
	External Packing	Carton		

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