

Advanced Satellite Charging System

## Kempower S-Series AC Charging Satellite

Technical Datasheet



S-Series AC charging satellite includes two Type 2 AC charging sockets and easy-to-use 7" touch screen display.

S-Series AC charging satellite extends Kempower's wide DC charging offering. It is great for example for charging hybrid vehicles. It is also suitable for overnight charging.

- Easy-to-use, intuitive user menu on a 7" touch screen display
- Integrated MID-approved Class B kWh meter
- Kempower ChargeEye provides remote connectivity with diagnostics and maintenance tools
- S-Series charging satellites also available with CCS1, CCS2 and CHAdeMO DC charging outputs



### Product codes

SAAS	2 x Type 2 AC
SAASCO	2 x Type 2 AC, unbranded
SAAP	2 x Type 2 AC, EMV contactless payment terminal
SAAPCO	2 x Type 2 AC, unbranded, EMV contactless payment terminal

### General electric specifications

Charging socket	2 x Type 2 AC
Voltage	3~ 400 V <sub>AC</sub>
Maximum current	3~ 32 A
Charging power at 400 VAC	22 kW
Standby power	25 W
Network type	TN-C-S
OVC	III

### Environmental specifications

Operating Temperature	-30...+50 °C
Maximum altitude	2000 m (without altitude derating)
Altitude derating	-1.4% of max. charging current per 100 m (above 2000 m)
Storage Temperature	-40...+60 °C
Enclosure	IP54*, IK10 (*AC socket IP44 when plugged in)
Ambient air humidity	< 95% relative humidity

### Connections

WiFi	802.11 b/g/n, 2.4/5 GHz
Cellular / GPS	LTE-FDD, LTE-TDD, WCDMA, GSM
Ethernet	RJ45, IEEE 802.3 / 802.3u
OCPP	1.6j / 2.0
Connectivity	Kempower ChargeEye solution

### Compliance to standards

Electrical safety	IEC 61851-1
EMC, Harmonics	IEC 61851-21-2
Energy metering	MID Class B

### Electrical protections

A+B type RCD functionality\*

\*Installation according to IEC62955: type A RCD to be installed in grid side supply point

### Options

Consult your sales representative at Kempower for customer branding options, colors, stickers, pricing and MOQ

**Mechanical dimensions (WxHxD)**

300 x 1518 x 301 mm (with standard mounting flange)

294 x 1518 x 239 mm (with mounting pipe)

**Weight**

38 kg

37 kg

Note: Payment terminal adds ca. 1 kg weight

