



Fast Charge



Queue Priority



Warranty



Service & Support

# Sonic Wall 22

22kW AC charging station for electric vehicles  
with 2 charging ports and a 10m cable



**IP65 Rating**  
High protection degree thanks to its robust enclosure

**5-inch touchscreen**  
All configuration can be done via the HMI

**OCPP & Smartcharging**

**Low noise** isolated power module architecture

**Reduced footprint** allows installation:  
- next to a wall  
- back-to-back with another charger when installed on a pedestal.

**Dynamic LED beacon** showing SoC

Remote **firmware update**

**Maintenance-free**

**Stop button** for immediate interruption



		<b>CCS</b>
<b>Power Supply &amp; Electrical Characteristics</b>	Power Supply	3-phase + neutral + PE
	AC Input voltage	260-530 V
	Frequency	50 Hz 60 Hz
	Maximum AC Input current	33.7 A
	Required power supply capacity	24.6 kVA
	Power Factor	≥ 0.99 at rated load
	Total Harmonic Distortion (THD)	≤ 5%
	Standby power consumption	≤ 30 W
	Electrical Protection	isolation monitoring device
	Maximum DC output power	22 kW
	Output voltage	200-920 V
	Maximum output current	73.3 A
	Efficiency	≥96% at peak power
	Connection	Plug A: CCS
	Energy metering	DC energy meter
	EMC Conducted emission	Class A
	EMC Radiated emission	Class A
	<b>Environmental Conditions</b>	Operating Temperature
Storage Temperature		-40 °C to +85 °C
Operating Humidity		5% to 95% (non-condensing)
Enclosure Rating		IP65 / IK10 (IK08 touchscreen)
<b>General specifications</b>	Structure Material	Stainless steel (body) Polycarbonate (frontal cover)
	Dimensions (W x D x H)	380 x 187 x 680 mm
	HMI Screen	5" touch-screen
	Light Beacon	LED colour indicator
	Cable Length	5 metres
	Cable support	Holder support with cable roller
	Cooling System	Forced air cooling
	Noise Level	<50 dB (1 metre distance)
	Operating Height	≤ 2000 metres
	Power Limit Control	Software-controlled
	Languages available	English, Spanish, French, Italian
	Authentication methods	RFID, QR code
	Environment	Outdoor / Indoor
	Weight	≈ 48 kg
	Mounting method	Wall
	<b>Connectivity &amp; Communication</b>	Wired Connection
Interface Protocol		OCPP 1.6J / 2.0 HW Ready
Wireless Connection		4G LTE / GPRS / GSM
<b>Compliance &amp; Standards</b>	Certifications	CE
	Applicable Standards	DIN 70121 / ISO 15118-2 / IEC 61851-1 / IEC 61851-23 / IEC 61851-21-2 / IEC 61851-24
	RFID Reader	ISO 14443A (MIFARE Classic 1k / 4k, MIFARE DESFire EV1 / EV2 / EV3)
<b>Optional features</b>	Connector	GB/T (instead of CCS)
	Mounting method	Pedestal