



**Next Generation  
Architecture**



**Scalability**  
from 320 to 400 kW



**Reliability**



**Granularity**

# Sonic One

Power Up the Road!

**Cable Management.**  
Integrated self-retracting  
swing arm

**32-inch vertical  
touchscreen** allowing  
displaying pictures and  
video advertisements

**Granularity** for an efficient,  
accurate and dynamic power  
sharing between two outlets

It allows to be installed next to a  
wall and back-to-back, optimising  
the available space

**Flexible authentication  
methods:** Autocharge,  
contactless payment terminal,  
RFID, mobile APP, QR code  
or keyboard



**Cooling system** with  
top air extraction for  
optimised space

Front and both side openings  
for **easier maintenance**

**High Visibility** charging  
status LED indicators with  
side vertical LED strips and  
lighted holders

Holders can be positioned  
either at the front or on the  
sides depending on the  
parking layout

Interactive  
elements positioned at  
an easily **accessible**  
height



**Power Supply & Electrical Characteristics**

**Environmental Conditions**

**General specifications**

**Connectivity & Communication**

**Compliance & Standards**

**Optional features**

**SONIC ONE 320**                      **SONIC ONE 400**

Power Supply	3-phase + PE (no neutral)	
Control Supply	Single-phase + N + PE	
AC Input voltage	400 V AC ±10% 480 V AC ±10%	
Frequency	50 Hz 60 Hz	
Maximum AC Input current	545 A	675 A
Required power supply capacity	340 kVA	420 kVA
Power Factor	≥ 0.99 at rated load	
Total Harmonic Distortion (THD)	≤ 5%	
Grid Isolator	Switch disconnecter	
Electrical Protection	MCB curve C Isolation monitoring device	
Maximum DC output power	CCS: 320 kW CCS: 320 kW	CCS: 400 kW CCS: 400 kW
Output voltage	CCS: 150-920 V CCS: 150-920 V	
Maximum output current	CCS: 500 A CCS: 500 A	
Efficiency	>96% at maximum output power	
Connection	Plug A: CCS	Plug B: CCS
Operating Temperature	-30 °C to +55 °C	
Storage Temperature	-40 °C to +70 °C	
Operating Humidity	5% to 95% (non-condensing)	
Enclosure Rating	IP55 / IK10	
Structure Material	Stainless steel	
Dimensions (W x D x H)	1000 x 800 x 2200 mm (without cable)	
HMI Screen	32" FHD anti-vandal colour touchscreen	
Light Beacon	LED colour indicator	
Cable Length	4 metres	
Cooling System	Air cooling fans	
Noise Level	<65 dB	
Operating Height	≤ 2000 metres	
Power Limit Control	Software-controlled	
Languages available	34	
Dynamic Load Management compatibility	✓	
Authentication methods	Autocharge, contactless card reader, RFID, mobile app, QR code, keyboard	
Weight	≈ 660 kg	≈ 700 kg
Scalability	✓	✗
Connections	Ethernet 10/100 BaseTX	
Interface Protocol	OCPP 1.6J / 2.0.1	
Wireless Communication (EMEA)	Dual 4G LTE / WiFi Hotspot / GPRS / GSM	
Certifications	CE	
Applicable Standards	DIN 70121 / ISO 15118 / IEC 61851-1 / IEC 61851-23 / IEC 61851-21-2 / IEC 61851-24	
RFID Reader	ISO/IEC 14443A/B / ISO 15693 / ISO 18092	
Energy metering	DC MID meter (Measuring Instruments Directive 2014/32/EU)	
Cable Length	5.5 metres	
Surge Protection	Protection against transient overvoltages (IEC 61643-1, Class II)	
RFID Extension	Legic Advant / Legic Prime / ISO/IEC 14443A/B / ISO 15693 / ISO 18092	
Contactless Payment	Integration with various payment providers	
Cable Management	Integrated self-retracting swing arm (only for 5.5 metres length)	
Wireless Communication (LATAM/APAC)	4G LTE / GPRS / GSM	