

PULSAR PRO TETHERED/SOCKET

Technical Datasheet

General Specifications

Model	Pulsar Pro
Colour	Black
Connector Type (IEC 62196-2)	Type 2 tethered or socket (with shutter)
Cable Length	5 m / 7 m (tethered version only)
Charging Mode (IEC 61851-1)	Mode 3
Dimensions	Tethered 198 × 201 × 99 mm (without cable)
	Socket 204,3 × 313 × 142,5 mm
Weight	Tethered 1.3 kg (without cable)
	Socket 2.5 kg
Operating Temperature	-30°C to 50°C ^[5]
Storage Temperature	-40°C to 70°C
Additional Safety Features	Tamper detection, secure update, secure boot, secure storage & encrypted communications
Standards & Regulations	IEC 61851-1, IEC 61851-21-2, RED Directive 2014/53/EU and RoHS Directive 2011/65/EU, UK Smart Charging Regulations

User Interface & Communications

Connectivity	Wi-Fi, 4G, Ethernet ^[6] , Bluetooth
User Identification	Wallbox App & Portal, RFID, NFC ^[1]
User Interface	Wallbox App & Portal
Charger Status Information	Halo RGB LED, Wallbox App & Portal
Included EMS	Static load management
Optional EMS ^[3]	Dynamic load management, solar charging, external MID
External Communication Interface	OCPP, partner API and SDK

[1] HW ready

[2] 22 kW charger limited to 11 kW during installation

[3] Require an additional meter

[4] Internal RDC-DD meets tripping time characteristics according to IEC 62955. For specific installation protections please refer to the installation guide.

[5] The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply

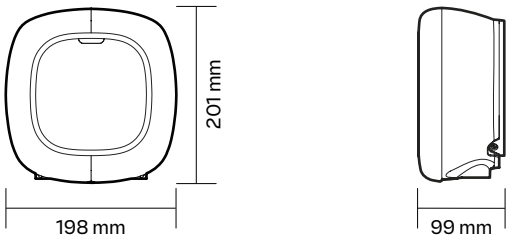
[6] Ethernet is standard in socket version

Electrical Specifications

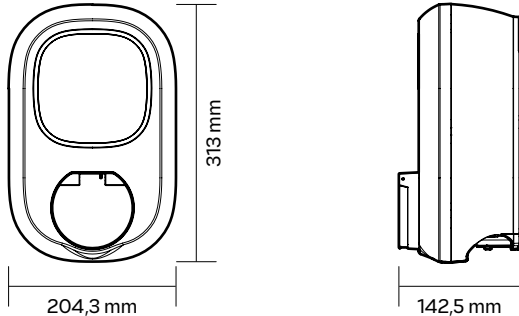
Charging Power	7,4 kW	11 kW ^[2]	22 kW
Rated Voltage AC ± 10%	230 V	400 V	400 V
Rated Current	32 A (1P)	16 A (3P)	32 A (3P)
Input Cable Width	up to 13 mm ²	up to 13 mm ²	up to 13 mm ²
Configurable Current	from 6 A to rated current		
Rated Frequency	50 Hz / 60 Hz		
Protection Rating	IP55 / IK10		
Surge Category	CAT III		
Residual Current Protection	6 mA DC leakage protection ^[4]		
Additional Protections	Optional external shunt (welding shut down)		
Internal Metering	Class A equivalent (Error ≤ 2%), factory calibrated		

Dimensions

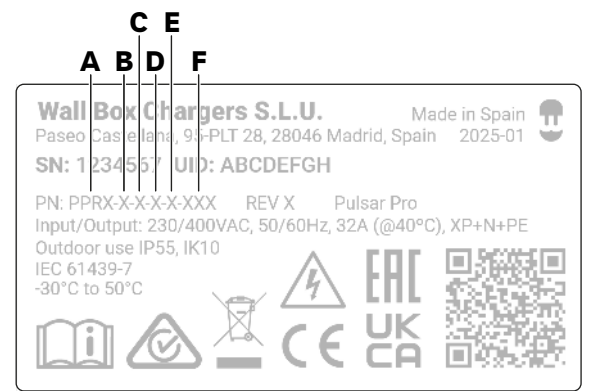
Tethered version



Socket version



Part Number Structure



	Code	Definition
A	Model	PPRX Pulsar Pro
B	Output	O 5 m
		M 7 m
		W Socket with Shutter
		A 5 m with Shutters
		B 7 m with Shutters
C	Connector	2 Type 2
D	Power	2 7,4 kW
		4 22 kW
E	Additional Feature	T UK O-PEN protection + 4G + RFID
		K Welding Protection + 4G + RFID
		A 14 A
F	Custom	XX2 Black