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

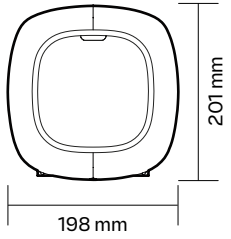
[1] HW ready
[2] 22 kW charger limited to 11 kW during installation
[3] Require an additional meter
[4] Internal RDC-DD meets tripping time characteristics according to IEC 62955. For specific installation protections please refer to the installation guide.
[5] The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply
[6] Ethernet is standard in socket version

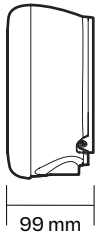
Electrical Specifications

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 mm²	up to 13 mm²	up to 13 mm²
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 leackage protection [4]		
Additional Protections	Optional external shunt (welding shut down)		
Internal Metering	Class A equivalent (Error ≤ 2%), factory calibrated		

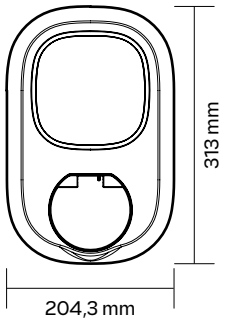
Dimensions

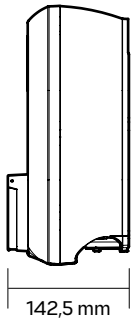
Tethered version



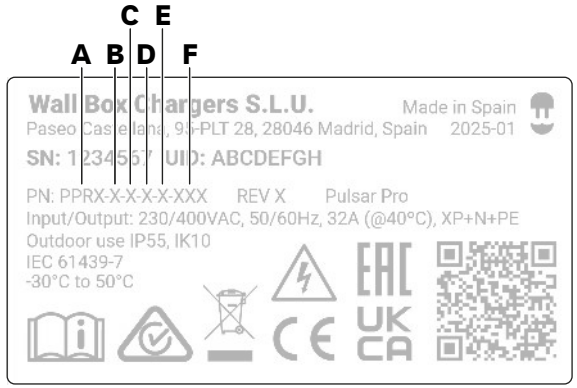


Socket version





Part Number Structure



		Code	**Definition**
A	Model	PPRX	Pulsar Pro
B	Output	0	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