PULSAR PRO TETHERED/SOCKET

Technical Datasheet

General Specifications

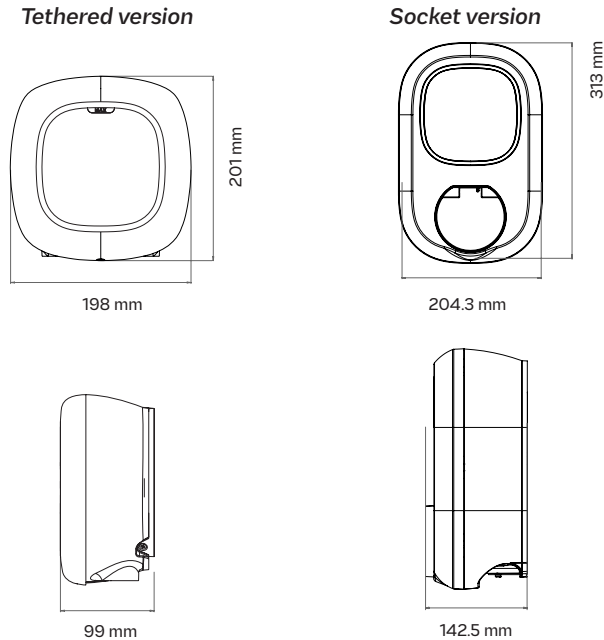|	
Model	Pulsar Pro
Colour	Black
Connector Type (IEC 62196-2)	Type 2 tethered or socket (with shutter)
Cable Length	5m / 7m (tethered version only)
Charging Mode (IEC 61851-1)	Mode 3
Dimensions	*Tethered* 198x201x99mm (without cable)
	Socket 204.3x313x142.5 mm
Weight	*Tethered* 1.3 kg (without cable)
	Socket 2.5 kg
Operating Temperature	-30ºC to 50ºC [6]
Storage Temperature	-40ºC to 70ºC
Cybersecurity	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 [7], Bluetooth
User Identification	Wallbox App & Portal, RFID, NFC[5]
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] UK Only
[2] According to local regulation
[3] Require an additional meter
[4] 22kW charger limited to 11kW during installation
[5] HW ready
[6] The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply.
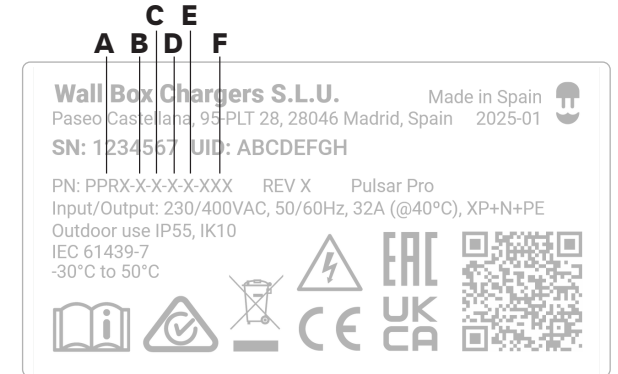[7] Ethernet is standard in socket version.

Electrical Specifications

Charging Power	7,4kW	11kW [4]	22kW
Rated Voltage AC ± 10%	230V	400V	400V
Rated Current	32A (1P)	16A (3P)	32A (3P)
Input Cable Width	up to 13mm²	up to 13mm²	up to 13mm²
Configurable Current	from 6A to rated current		
Rated Frequency	50Hz / 60Hz		
Protection Rating	IP55 / IK10		
Surge Category	CAT III		
Residual Current Detection	DC 6mA		
RCD	RCD Type A is required [2]		
Additional Protections	Optional external shunt (welding shut down)		
Internal Metering	Class A equivalent (Error ≤ 2%).Factory calibrated.		
Regulation Marks	CE, UKCA, EAC and RCM Mark		

Dimensions

Tethered version

201 mm

198 mm

99 mm

Socket version

313 mm

204.3 mm

142.5 mm

Part Number Structure

A B C D E F

Wall Box Chargers S.L.U.
Paseo Castellana, 95-PLT 28, 28046 Madrid, Spain
Made in Spain 2025-01
SN: 1234567 UID: ABCDEFGH

PN: PPRX-X-X-X-XXX REV X Pulsar Pro
Input/Output: 230/400VAC, 50/60Hz, 32A (@40°C), XP+N+PE
Outdoor use IP55, IK10
IEC 61439-7
-30°C to 50°C

		Code	Definition
A	Model	PRPX	Pulsar Pro
B	Cable	O	5m
		M	7m
		W	Socket with Shutter
		A	5m with Shutters
		B	7m with Shutters
C	Connector	2	Type 2
D	Power	2	7,4kW
		4	22kW
E	Additional Feature	U	Residual Current Detection (DC 6mA) PLC + 4G + RFID + ETH
		W	Residual Current Detection (DC 6mA) PLC + 4G + RFID + ETH + 3P Solar Charging
		T	UK O-PEN protection + 4G + RFID
		K	Welding Protection + 4G + RFID
		A	14A
F	Custom	XX2	Black

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