

PULSAR PLUS

Technical Datasheet

General Specifications

Model	Pulsar Plus
Colour	White or Black
Cable Length	5 m (7 m optional) ^[1]
Charging Mode (IEC 61851-1)	Mode 3
Dimensions	166x163x82 mm (without cable)
Weight	1 kg (without cable)
Operating Temperature	-25 °C to 40 °C (50 °C with derating)
Storage Temperature	-40 °C to 70 °C
Standards	CE mark (LVD 2014/35/EU, EMC 2014/30/EU) IEC 61851-1, IEC 61851-21-2, IEC 62196-2, BS 7671:2018 ^[2]

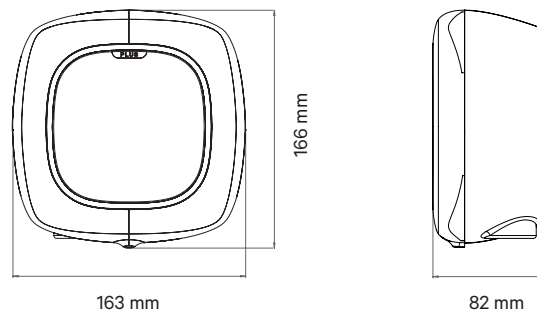
User Interface, Connectivity, Energy Management

Connectivity	Wi-Fi, Bluetooth
User Identification	myWallbox App & Portal
User Interface	myWallbox App & Portal ^[6]
Charger Status Information	Halo RGB LED, myWallbox App & Portal
Compatible with	Power Boost, Eco-Smart, Power Sharing, Dynamic Power Sharing

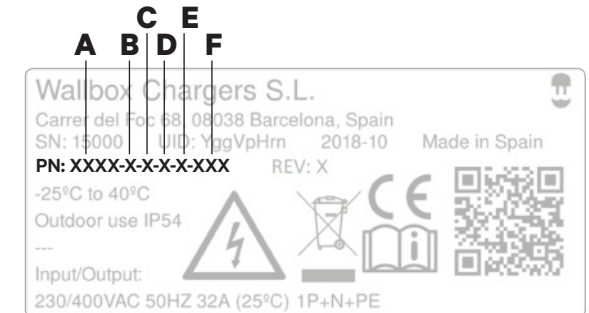
Electrical Specifications

Charging Power	7,4 kW	11 kW	22 kW
Rated Voltage AC $\pm 10\%$	230 V	400 V	400 V
Rated Current	32 A (1P)	16 A (3P)	32 A (3P)
Connector Type (IEC 62196-2)	Type 1 / Type 2	Type 2	Type 2
Cable Width	up to 3x 10 mm ²	up to 5x 10 mm ²	up to 5x 10 mm ²
Earthing Protection ^[3]	According to BS 7671:2018 requirements		
Configurable Current	from 6 A to rated current		
Rated Frequency	50 Hz / 60 Hz		
Protection Rating	IP54 / IK08		
Surge Category	CAT III		
Residual Current Detection	AC 30 mA / DC 6 mA ^[4]		
RCCB	External RCCB required ^[5]		

Dimensions



Part Number Structure



	Code	Definition
A Model	PLP1	Pulsar Plus
B Cable	0	5 m
	M	7 m
C Connector	1	Type 1
	2	Type 2
D Power	2	7,4 kW
	3	11 kW
	4	22 kW
E Additional Feature	9	Residual current detection (AC 30mA/DC 6mA)
	F	Residual current detection AC 30 mA/DC 6 mA + Earthing protection
F Custom	XX1	White
	XX2	Black

^[1] Only available for Type 2 connectors.

^[2] Only for 7,4 kW chargers

^[3] Only for chargers sold in the UK region.

^[4] Internal RDC-DD meets tripping time characteristics according to IEC 62955.

^[5] Type A or Type B according to local regulations.

^[6] OCPP compatible.

Pulsar Plus Socket

Technical Datasheet

General Specifications

Model	Pulsar Plus Socket
Colour	Black
Charging mode	Mode 3 (IEC 61851-1)
Connector type	Type 2 shutter ¹ (IEC 62196-2)
Dimensions	204.3x313x142.5 mm
Weight	2.5Kg
Operating Temperature	-30°C to 40°C (50°C with derating)
Storage Temperature	-40°C to 70°C
Standards	2014/53/EU (RED) 2011/65/EU (RoHS)

Electrical Specifications

Charging Power	7,4kW ²	11kW ³	22kW
Rated Voltage AC ± 10%	230V	380-400V	380-400V
Rated Current	32 A (1P)	16A (3P)	32A (3P)
Cable Width	up to 10 mm2		
Configurable Current	from 6A to rated current		
Rated Frequency	50Hz / 60Hz		
Protection Rating	IP55 / IK10		
Surge Category	CAT III		
Residual Current Detection	AC 30 mA / DC 6 mA ⁴		
RCCB	External RCCB required ⁵		

Part Number Structure

A

B

C

D

E

F

Wall Box Chargers S.L.U.

Made in Spain

Paseo Castellana, 95-PLT 28, 28046 Madrid, Spain 2023-12

SN: 1234567 UID: ABCDEFGH

PN: PSP1-W-2-X-9-XX2 REV X Pulsar Plus Socket

Input/Output: 230/400VAC, 50/60Hz, 32A, XP+N+PE

Outdoor use IP55, IK10

IEC 61439-7

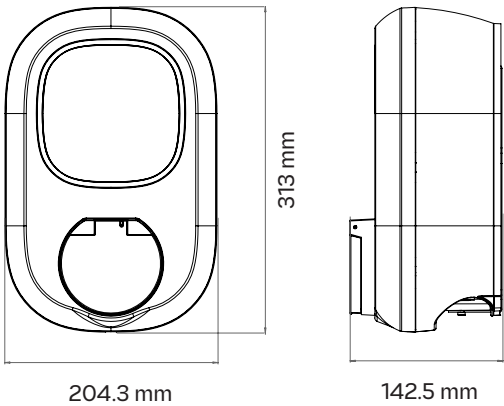
-30°C to 40°C

CE

User Interface, Connectivity & Energy Management

Connectivity	Wi-Fi, Bluetooth
User Identification	myWallbox App & Portal
Free User Interface	myWallbox App & Portal
External communication	OCPP 1.6j, Partner API
Charger Status Information	Halo RGB LED, myWallbox App & Portal
Included Features	Schedules, Statistics, Lock/Unlock/Autolock, Charger remote control, Automated Payments, Power Sharing, Charging cable lock
Optional Features	Power Boost, Dynamic Power Sharing, Eco-Smart, External MID

Dimensions



	Code	Definition
A Model	PSP1	Pulsar Plus Socket
B Cable	W	Socket with shutter
C Connector	2	Type 2
D Power	4	22kW
E Additional Feature	9	Residual Current Detection (AC 30 mA / DC 6 mA)
F Custom	XX2	Black

¹ Compliant with NF C 15-100.
² Pulsar Plus Socket (22kW) can be installed in a single phase installation (see installation guide).
³ Pulsar Plus Socket (22kW) charger limited to 11kW during installation.
⁴ Internal RDC-DD meets tripping time characteristics according to IEC 62955.
⁵ Type A or Type B according to local regulations.



PULSAR MAX TETHERED/SOCKET

Technical Datasheet

General Specifications

Model	Pulsar Max
Colour	White, Black
Cable Length	5m / 7m (tethered version only)
Charging Mode (IEC 61851-1)	Mode 3
Dimensions	Tethered 198x201x99mm (without cable) Socket 204.3x313x142.5mm
Weight	Tethered 1.3 kg (without cable) Socket 2.5 kg
Operating Temperature	-30°C to 50°C ^[1]
Storage Temperature	-40°C to 70°C
Standards & Regulations	IEC 61851-1, IEC 62196-2, RED Directive 2014/53/EU, ROHS Directive 2011/65, UK Smart Charging Regulations

User Interface & Communications

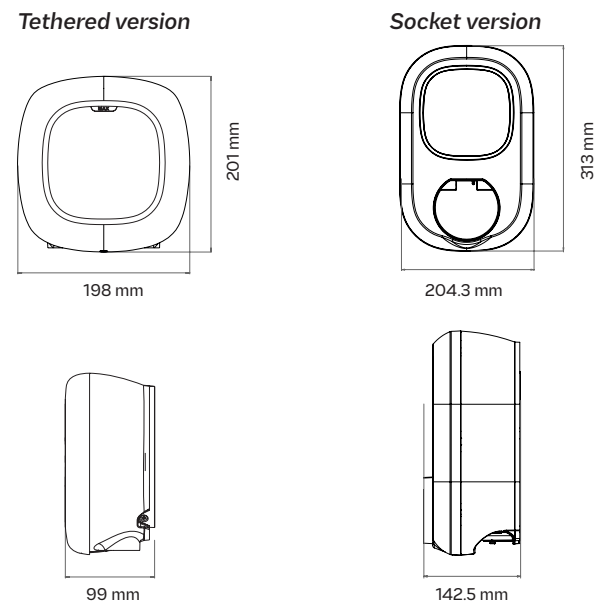
Connectivity	Wi-Fi, Bluetooth
User Identification	Wallbox App & Portal
User Interface	Wallbox App & Portal
Charger Status Information	Halo RGB LED, Wallbox App & Portal
Included EMS	Static Load Management
Optional EMS ^[2]	Dynamic Load Management, Solar Charging, External MID
External Communication Interface	OCPP, partner API and SDK

[1] The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply.
[2] Requires an external meter.
[3] According to local regulations.

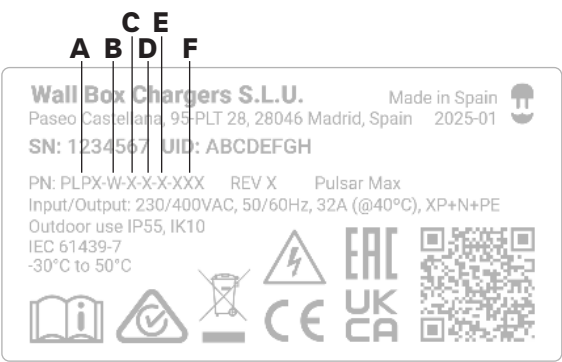
Electrical Specifications

Charging Power	7,4kW	11kW	22kW
Rated Voltage AC ± 10%	230V	400V	400V
Rated Current	32A (1P)	16A (3P)	32A (3P)
Connector Type (IEC 62196-2)	Type 2 tethered or socket (with shutter)		
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		
RCCB	External RCCB Type A required ^[3]		
Additional Protections	Optional external shunt (welding shut down)		

Dimensions



Part Number Structure



	Code	Definition
A Model	PLPX	Pulsar Max
	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 3 11kW 4 22kW
		E Additional Feature
		g Welding protection F UK O-PEN protection A 14A
F Custom	XX1	White
	XX2	Black

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	-30°C to 50°C [6]
Storage Temperature	-40°C to 70°C
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 [4]	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

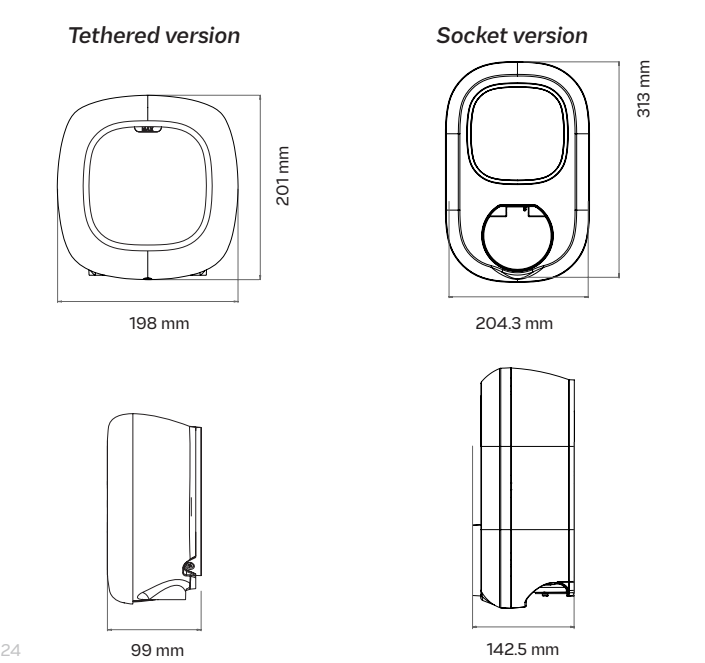
[6] The charger will operate at full capacity up to 40°C. Above 40°C, derating may apply.

[7] Ethernet is standard in socket version.

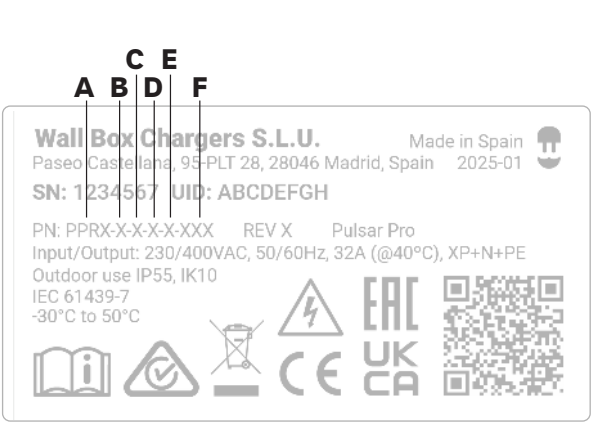
Electrical Specifications

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



Part Number Structure



	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

