

# Prism product range

Prism is the most complete range of chargers for electric vehicles, both full electric and plug-in.

The entry level model **Prism Basic** is equipped with load balancing and RCD protection and it is perfect for those who are looking for a product with essential features to charge their car. It can be upgraded to the Solar version purchasing the Smart Cover at any time after the installation.

For home or business installations, **Prism Solar** - equipped with cable and Type2 connector - allows you to use the energy produced by a photovoltaic system charging your car for free, and it is also equipped with a RFID display.

**Prism Solar S** is the ideal solution for semi-public installations. It is equipped with a Type2 socket with a shutter and it also combines all the features of the Prism Solar range. In case of failure, it has the contact to steer a release coil on the switch upstream of Prism Solar. A version with LTE (GSM) connectivity is also available for those contexts where WiFi or Ethernet are not accessible.

Multiple **Prism Solar** and **Prism Solar S** can be installed in cluster mode, monitoring and managing the recharge sessions via software.



## Silla products compared



Products	Prism Basic	Prism Solar		Prism Solar S	
		Single phase	Three-phase	Single phase	Three-phase
Connector type	Type 2, with cable	Type 2, with cable	Type 2, with cable	Type 2S socket, with shutter	Type 2S socket, with shutter
Code with 5mt cable	BAS01320205	PBS01320205R	PBS03320205R	-	-
Code with 7 mt cable	-	PBS01320207R	PBS03320207R	-	-
Code without GSM	-	-	-	PSS01320S00R	PSS03320S00R
Code with GSM	-	-	-	PSS01320S00RG	PSS03320S00RG
<b>Technical specifications</b>					
Power supply (V)	230 V	230 V	230 V o 400 V	230 V	230 V o 400 V
Network frequency (Hz)	50-60	50-60	50-60	50-60	50-60
Phases	Single phase	Single phase	Single phase and Three-phase	Single phase	Single phase and Three-phase
Charging power (max) kW	Up to 7,4 kW	Up to 7,4 kW	Up to 22 kW	Up to 7,4 kW	Up to 22 kW
Current consumption (max) A	32A	32A	32A	32A	32A
User interface	LED	LED, touch	LED, touch	LED, touch	LED, touch
Electricity supply system	TT e TNS	TT e TNS	TT e TNS	TT e TNS	TT e TNS
Electrical safety rating	Class I	Class I	Class I	Class I	Class I



Products	Prism Basic	Prism Solar		Prism Solar S	
		Single phase	Three-phase	Single phase	Three-phase
<b>Safety</b>					
Circuit breaker AC /DC - RCD	20mA AC / 6mA DC	20mA AC / 6mA DC	20mA AC / 6mA DC	20mA AC / 6mA DC	20mA AC / 6mA DC
IP protection	IP 65 - IK10	IP 65 - IK10	IP 65 - IK10	IP 55 - IK10	IP 55 - IK10
Shutter	-	-	-	●	●
Release coil (12-48 VAC/VDC)	-	Optional	Optional	Standard	Standard
<b>Cluster / Metering</b>					
Sensor up to 100A	●	●	●	●	●
Sensor up to 1000A	-	-	Optional	-	Optional
Cluster	-	Up to 30	Up to 30	Up to 30	Up to 30
MID (class 1)	-	-	-	Optional	Optional
<b>Connectivity</b>					
Wifi	Upgrade with Smart Cover	●	●	●	●
Ethernet	Upgrade with Smart Cover	●	●	●	●
GSM LTE (where included)*	-	-	-	SIM not included	SIM not included
MQTT	Upgrade with Smart Cover	●	●	●	●
RS485	Upgrade with Smart Cover	●	●	●	●
RFID authentication	Upgrade with Smart Cover	●	●	●	●
OCPP 1.6J	Upgrade with Smart Cover	●	●	●	●
<b>Recharge</b>					
Balance with solar system	Upgrade with Smart Cover	●	●	●	●
Balance with storage system	Upgrade with Smart Cover	●	●	●	●
Authentication	Upgrade with Smart Cover	RFID & APP	RFID & APP	RFID & APP	RFID & APP
<b>Included features</b>					
Smartphone app	Upgrade with Smart Cover	Web App	Web App	Web App	Web App
Scheduling	Upgrade with Smart Cover	●	●	●	●
Remote control (MySilla Cloud)	Upgrade with Smart Cover	●	●	●	●
<b>More features</b>					
Material	ABS Bayblend	ABS Bayblend	ABS Bayblend	ABS Bayblend	ABS Bayblend
Warranty	2 years extendable	2 years extendable	2 years extendable	2 years extendable	2 years extendable
Cable slot	Integrated	Integrated	Integrated	Integrated	Integrated
Custom cover	●	●	●	●	●
Standard	CE, IEC 61851, IEC 62196-2	CE, IEC 61851, IEC 62196-2	CE IEC 61851, IEC 62196-2	CE, IEC 61851, IEC 62196-2	CE, IEC 61851, IEC 62196-2
Compatibility	-	-	-	Advenir	Advenir
Operating temperature range	-25 °C to +55 °C	-25 °C to +55 °C	-25 °C to +55 °C	-25 °C to +50 °C	-25 °C to +50 °C
Storage temp. range	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C	-30 °C to +60 °C
Humidity conditions	max. 100% at 25 °C	max. 100% at 25 °C	max. 100% at 25 °C	max. 100% at 25 °C	max. 100% at 25 °C
Elevation	≤ 2000 m	≤ 2000 m	≤ 2000 m	≤ 2000 m	≤ 2000 m

\* See line "Code with GSM"

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