

SARVESH ENGINEERING

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Charging for Individual/residential complex use

The ideal product for individuals/ residential complex and car parks.



PRISM DATA SHEET -

Classification according to IEC 61851-1:2017	
Input	permanently connected to the AC network
Output	AC
Environmental conditions	Operating temperature range -25°C to +40°C Storage temperature range -30°C to +60°C Relative humidity max. 100% at 25°C
Access	even in places with unrestricted access
Mounting	surface mounting on walls, poles or equivalent positions
Electrical safety class	Class I
Protection class	IP65, IK10
Charging modes	Mode 3

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	Prism Solar 1-phase RFID	Prism Solar Duo RFID	Prism Solar 3-phase RFID	Prism Basic
Dimensions (without cable)	263 x 238 x 88 mm			
Weight with 7 m cable (kg)	6,5 kg	9 kg	6,5 kg	4 kg ¹
Material	ABS			
Degree of protection	IP 65			
Standard	IEC 61851-1:2019			
Power supply	230V AC	230V/400V AC	400V AC	230V AC
Absorbed current (max)	32A			
Self consumption	Stand-by 2,5W - Maximum 7,5W			
Safety	RCD 6mA DC / 20mA AC			
Frequency	50 Hz - 60 Hz			
Charging power (max)	7,4kW	7,4kW per cable	22kW	7,4kW
Inputs	Lever clamps 2.5-10 mm ²			
Connectivity	Ethernet and Wi-Fi			n/a
Wi-Fi frequency	2412MHz ~ 2472MHz			-
Drive (max)	300Mb/s			-
Maximum radio power	20dBm			-

The charger can be managed via smartphone / desktop and via cloud, with an internet connection via Wi-Fi or Ethernet cable.

Equipped with RCM (Residual Current Monitor).

The RFID card is optional feature for authorisation.

The smart hub controls 50 no of charging stations at a time.

- it allows the management of loads, dividing the available energy between the connected Prisms without ever exceeding that actually available at the meter
- allows user authentication through RFID cards (the first 10 cards are supplied)
- it has an internal energy meter to record the consumption of each session divided by the card used
- it is equipped with a CAN-BUS port to communicate with the Prism Basics
- it is equipped with an ethernet port to communicate with Prism Solar and the internet

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- it has an RS485 port to communicate with an external meter

The equipment is design, developed and manufactured by Italian company, a well reputed name in European market, having multiple installations in Europe.

We look forward to know your kind interest in the business. This business is going to be a multi-billion business in India in near future.