



SHEENPOLE

THE CAR CHARGING STATION

SHEENTRE

THE INTELLIGENT WALLBOX



2 x 22kW

Potenza massima

One or two Type 2
sockets

Automatic activation

Activation with RFID

Link to
www.sheenlog.it

Developed and
manufactured in Italy

Fiscal consumption
measurement (optional)



SHEENPOLE

THE CAR CHARGING STATION



Ergonomics

SheenPole is designed to be installed outdoors and to have the necessary strength and protection against weather events.

SheenPole is made with a sturdy wired aluminium housing to ensure robustness and anti-corrosion.

Operation

SheenPole has two independent charging points equipped with:

- a display
- a stop button
- a RFID reader

The two charging points are completely independent in order to maximize service availability.



Charging modes

Recharging can be activated in several ways:

- automatic, by inserting the gun into the car
- by reading an RFID badge
- centralized through RS485 commands



Safe

SheenPole has all the safety protections required by the IEC 61851-1 standard and is equipped with a standardized PWM communication system that optimally regulates charging in accordance with Mode 3. Additionally, it features a maximum supported charging cable current control system (16-32A).

SHEENTRE

THE INTELLIGENT WALLBOX

sheen^{plus}
pure energy



Monofase up to 7,3 kW

Threephase up to 22kW

1x 7,3kW
1x 22kW

Type 2 socket with
a 5m cable

Display and buttons
for configuration

Calculates the maxi-
mum energy output

Measures the energy
supplied to the car

Measures household
consumption

Eliminates overloads

Cloud

Developed and
produced in Italy



Ergonomics

SheenTre is designed to be easy to use and to allow the cable to be rewound on the wallbox at the end of charging session.



Operation

SheenTre is equipped with an LCD display and 3 buttons to handle the following features:

- to set the power,
- to set the kW to be charged,
- to set a delayed start for charging.



Charging modes

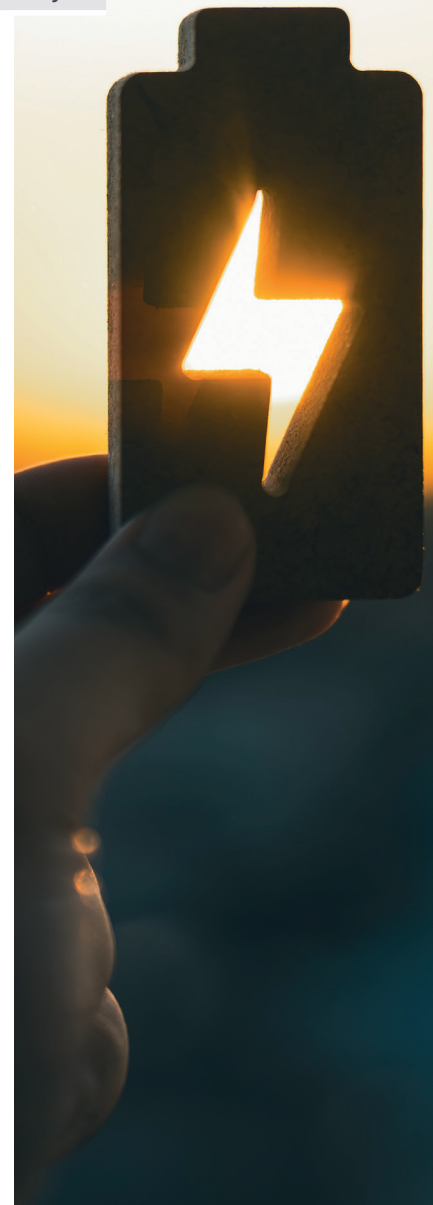
Charging can be activated in several ways:

- automatic, by inserting the gun into the car
- through the reading of an RFID badge
- centralized through an RS485 command



Safe

SheenTre has all the safety protections required by the IEC 61851-1 and is equipped with a standardized PWM communication system that regulates the charge optimally and in accordance with Mode 3.



MONITORING

SheenPole & SheenTre common features

SheenPole and SheenTre Ev chargers are compliant with the IEC-61851-1 charging standard. The charging station has been developed for outdoor installation and has an IP55 protection rating. It is available with one or two Type 2 single-phase and/or three-phase sockets with powers ranging from 1.5 to 7,3kW single phase and from 4.5 to 22 kW 3-phases

Operation & Diagnostics

It can be activated automatically, via RFID or via RS485 Modbus.

The SheenPole and SheenTre Ev Charger are constantly diagnosed. Diagnostic messages, warnings, and alarms are stored in the SheenLog monitoring system and are sent to the user through email or WhatsApp messages.

Power measurement

SheenPole and SheenTre measures the energy supplied to the car through an embedded power meter. When required, an external MID meter can be installed for all the applications where energy is sold to customers.

Power distribution

When more than one SheenPole or SheenTre are connected to each other at the same power supply, a power management algorithmic ensure an equal power distribution between the active charging points.

Dynamic Charge optimisation

SheenPole and SheenTre, when equipped with an external power meter, optimizes the charge according to the available energy. SheenPole and SheenTre receives real-time household power consumption, adjusts the power supplied to the car to never exceed the power available at the meter. They permanently solve the problem of the trip of the circuit breaker in case of overload due to other loads with variable consumption.

Safety

SheenPole and SheenTre has all the safety protections required by the IEC 61851-1 standard and is equipped with a standardized PWM communication system that optimally regulates charging in accordance with Mode 3.

🔑	🔔	📅	👤	📅	🕒	📊	🔑	💰	📄
616	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-16 17:32:11	190	4.94	15.65	4.69	N.1999888132
615	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-15 23:53:51	110	2.97	5.45	1.64	N.1999888132
614	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-15 17:54:26	130	3.86	8.36	2.51	N.1999888132
613	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-14 17:20:44	200	5.00	16.67	5.00	N.1999888132
612	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-13 17:34:31	70	5.64	6.58	1.98	N.1999888132
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608	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-10 22:01:52	190	2.58	8.18	2.45	N.1999888130
607	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-10 18:46:47	70	5.77	6.74	2.02	N.1999888132
606	CARICA FINITA	N.2020111402	sheenegon/Seelaus	2024-05-09 14:27:38	320	2.89	15.41	4.62	N.1999888130

sheenplus
pure energy

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