QUIPOWER CORE

Energy optimization made simple.
Maximize your earnings while improving
grid transfer capacity.

QuiPower Core features

QuiPower Core is the intelligence you need to make energy optimization simple and easy. It comes with all the features needed to automatically control your property's energy usage and cut your energy bills. The unique intelligence takes into account both historical consumption patterns and predicted data and optimizes energy use in an unbeatable way. At Enequi we constantly develop new functionality and launch new updates to make sure QuiPower always gives you the best functionallity and the highest earnings.

Support the power grid

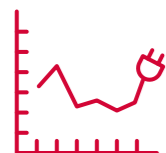Make local energy optimization maximize grid transfer capacity.

Peak power shaving

Makes sure to lower costs, by shaving power peaks in real time.

Stabilize grid frequency

Let your system balance the electricity grid with FCR-compatibility.

Energy optimization

Use stored energy during expensive hours and charge a home battery when it is cheap. Fully automated.

Car charging

QuiPower provides faster, safer and cheaper charging of your vehicle.

Time shifting

Optimize the use of your solar energy. Store energy during the day to use when you're at home.

AI property management

QuiPower connects every appliance and learns, and forecast energy usage to save money and relieve the electric grid.

Tariff management

Lower your electricity grid costs by letting QuiPower automatically move electricity consumption to times outside the tariff intervals.

Off-grid

Continue to produce and store solar energy in the event of a power outage. Turn on the light when the neighbors have a power outage.

QuiPower app and Node

The QuiPower app gives you earnings insights and lets you monitor the energy flows in your property. The app is available for iPhone and Android.

The QuiPower Nodes makes it possible to connect all appliances and energy consumers to QuiPower Core for automatic energy control.
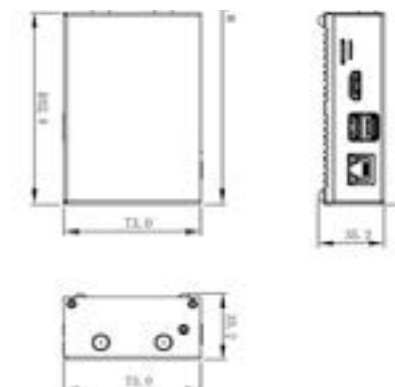
Technical specification

QuiPower Core is an innovative high-tech solution, developed in Sweden, that can be installed together with any hardware to improve energy management of your property and stabilize the grid. Use it in combination with energy storage solutions or alone - either way you will probably have one of Europe's most advanced units for energy optimization.

Technical Data	
WiFi/Bluetooth	2.4G/5.8G dual-band WiFi, Bluetooth 5.0
HDMI	1x standard HDMI
RS485	4x RS485
RS232	1x RS232, Can be used in the default console of the system, and supports configuration as a standard serial port.
CAN BUS	1x CAN
DC power supply output	5V@1A, Can be used to support Raspberry Pi 7 inch official touch screen power supply.
Memory	2GB
eMMC	8GB
Power input	V1.2 version is 8V~28V, V1.1 version is 8V~18V
Case	Full Metal Jacket, support DIN slide rail installation.
Cooling fin	Full-face CNC aluminum alloy heat sink
Antenna accessory	Support optional WiFi/BT external antenna, which has passed wireless authentication together with Raspberry Pi CM4, and optional 4G external antenna.
Installation/Mounting	Wall-mounted, DIN-rail mounted
Dimensions [WxHxD, mm]	102 x 73 x 35
Weight [kg]	approx. 0,360
Working environment temperature [°C]	Running at full speed at ambient temperature of -25 ~ 60
Working environment humidity [°C]	Min. 20 / Max. 90 (%)

Contact us and learn more about the possibilities with **QuiPower Core**

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