

OPTIWATT 3200
OPTIMIZING THE STANDING CHARGES PAID BY USERS
FOR A LOW-COST ECOLOGICAL ELECTRIC HEATING SYSTEM

Optiwatt 3200 is a three-phase unit designed to optimize the standing charges paid by electricity user, and it is **designed for the residential and services sector as well as for the industry.**

Optiwatt 3200 is designed to linearize the load curves of electricity demand and to smooth out the peaks when energy demand intensifies, notably during cold weather.

Optiwatt 3200 increases the number of main appliances without increasing the installed load and without causing circuit failure. Adapting the standing charge to real requirements, Optiwatt 3200 simplifies planning for energy supplies while also generating **energy savings for users. With its optimized energy management capacities, it is also ecological.**

When the user exceeds the installed load, Optiwatt 3200 uses its specially developed algorithm to modulate the heating accordingly.

This innovative system **saves users the cost of increasing their installed load.** By modulating heating levels when the installed load is exceeded, Optiwatt 3200 prevents circuit failure while maintaining temperatures at comfortable levels. Moreover, when main appliances stop running for a period equal to or greater than 1/100th of a second, Optiwatt 3200 steps in and uses the idle time for the heating system.

With its original alternistor-based static switching system, Optiwatt 3200 tolerates several million switches taking place at the zero point of each alternation without generating parasites on main appliances. **Silent switching makes it suitable for hospitals and hotels.** A button adjusts the switching time of the alternistor to the installation.

Easy to connect, Optiwatt 3200 can be slaved to all control systems (tariffs, temperatures, alarms) programmed to respond to specific input conditions. Lastly, Optiwatt 3200 can be adapted to all types of installation using electric heating, such as ceiling-mounted radiant heaters, infrared heating, electric floor heating and unit heaters.

Optiwatt 3200 is available in two versions for three-phase power supplies ranging from 15 kW to 1,000kW.

- 1) A single block version: appliances supplied ready-wired installed in a cabinet.
- 2) A light version supplied with electronic cards and power units for installation in an existing cabinet: each single European 100 x 160 format card equips one phase with its independent controls and supply.

The product is **designed for electricity suppliers, distributors of electric heating equipment, electrical and heating engineers and architects.**

AGT is looking for distributors outside France.