

ENEPAC MEGa: Electric power stored at night is discharged (to cut off the peak) during peak hours when power consumption is the highest for any business facility such as a factory.

As our customer's partner, we provide our integrated engineering service to our customers.

Power storage system **ENEPAC series**



Effective use of clean energy friendly to the environment

ENEPAC MEGa

(50kVA / 100kVA type)

ENEPAC can automatically supply electric power at peak hours during the day.

The use of electric power is significantly different between day and night and between seasons. If the load change can be leveled, electric power can be more economically used. ENEPAC MEGa can store electric power at a lower price at night and discharge it at peak hours in the day to level the used loads and reduce power costs.

※ The 「amount of merit」 depends on the category of contract.

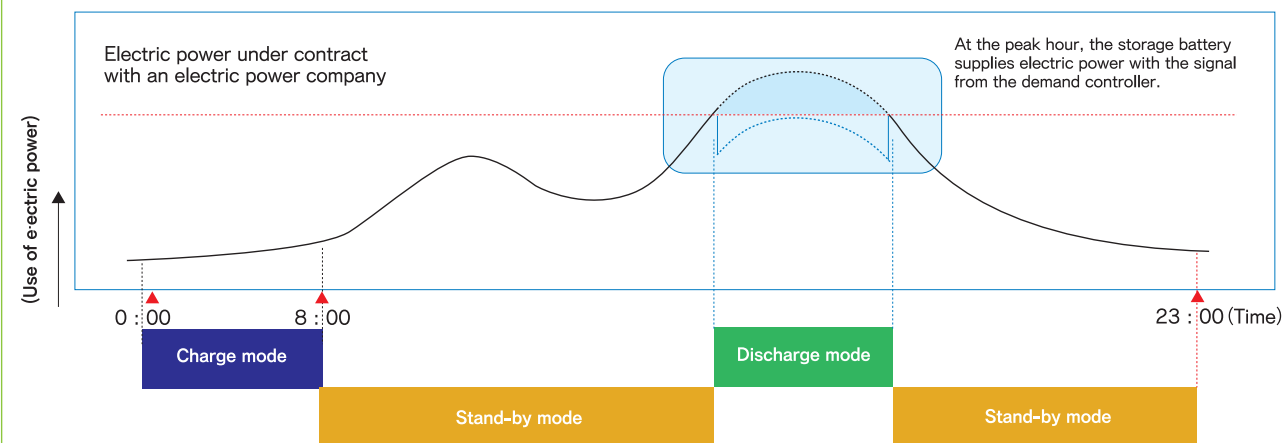
It is possible to connect the ENEPAC MEGa system with a solar system.

The ENEPAC MEGa system connected with a solar system is able to provide energy friendly to the environment to reduce CO2 emissions.

※ To connect the ENEPAC system with a solar system, it is necessary to use the solar charger supplied as an option.

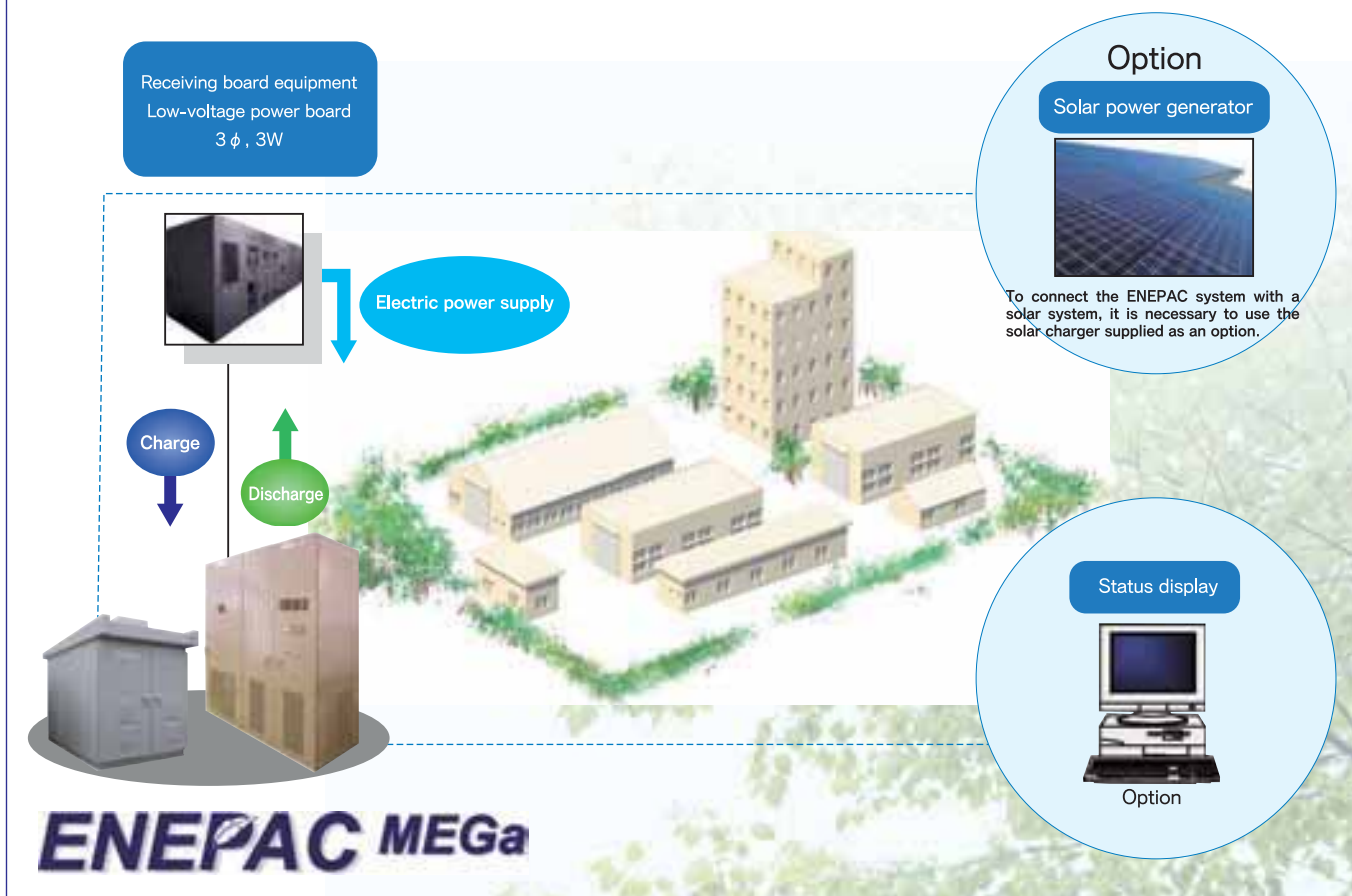
Operation of the peak cut system can be realized by effectively using midnight power.

Evolution of daily power consumption with the ENEPAC MEGa system introduced



- Charge** The charging hours are set basically from 0:00 to 8:00 a.m. when night power use is at a lower unit price.
- Charge** The multiple constant-current PSOC charging method is used because it is more efficient than others.
- Discharge** The ENEPAC MEGa system automatically starts to discharge at the preset time. (It is possible to control the discharge by the demand alarm combined with the demand controller.)
- Discharge** The discharge finishes at the time when the discharge kWh reached to 70% of the battery capacity. ※ This is because the maximum capacity is preset for the life of the storage battery.

You will feel safe if you store electric power. The ENEPAC system connected with a solar system will provide electric power friendly to the environment.



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