

Naps BigPack system provides home comforts at your holiday home



Naps BigPack-systems are independent solar power systems especially suitable for remote holiday homes with no electricity supply. With these systems you can get 230 Volt (or 110 Volt) electricity in locations where there is no mains supply. Naps BigPack is an ideal solution for such places, providing high quality electricity and a comfortable living standard.

Naps BigPack-systems produce 230 Volt electricity, just the same as you get from the wall socket in your home. You can plug in standard appliances and equipment like a radio, TV, coffee machine, hair dryer and micro wave oven. For year-round use, you may need to include a back-up generator in the system to provide energy in winter time.

The solar panels can be installed either on the roof or wall of the house, or they can be mounted on the ground with special Naps structures and a suitable foundation. Naps BigPack-system - like all Naps systems - is your own reliable Power Plant. After the initial investment, the electricity is free.

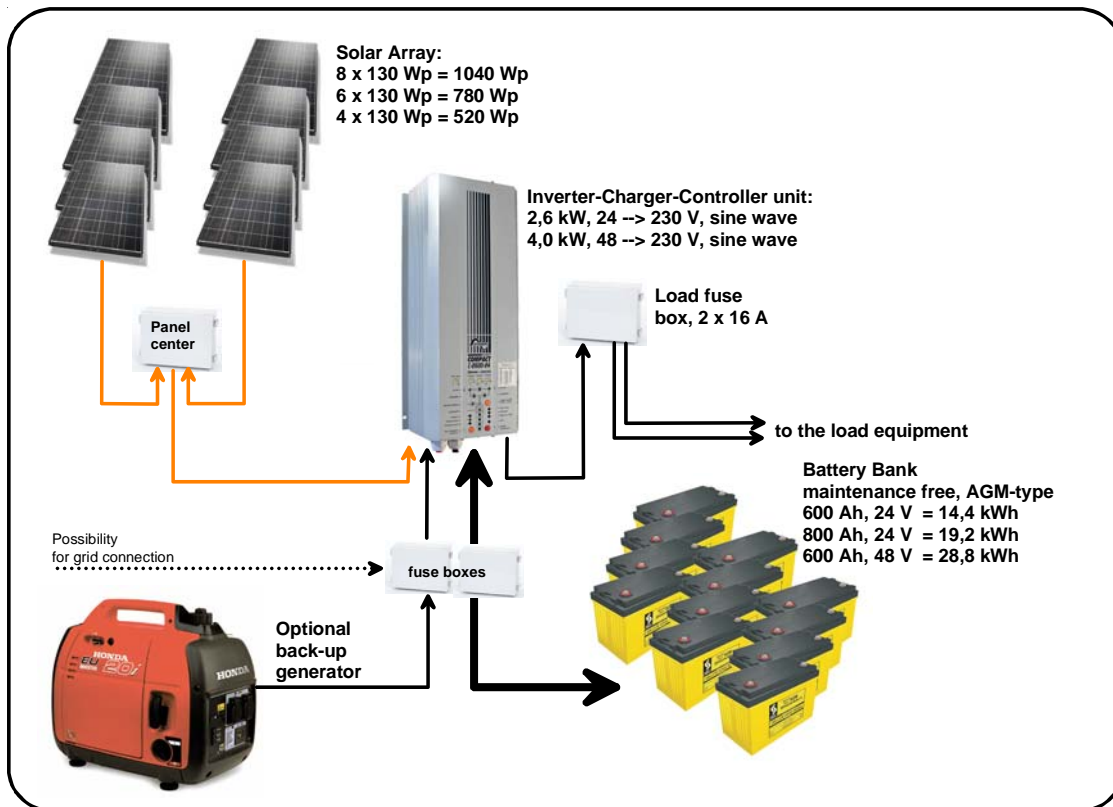
If, later on, the electricity network comes closer to your holiday home and you decide to connect to the mains, you can still use your investment to provide green electricity in parallel with the mains supply. The BigPack now provides back-up against power cuts.

Below you can see an indicative estimation for a typical holiday home. Naps BigPack 780 or 1040 is the appropriate choice in this case.

Equipment	Power	usage/day	consumption/Wh
TV	75 W	3 h	225 Wh
small refrigerator*, usage ratio 50 %	35 W*	24 h	420 Wh*
Microwave oven	1600 W	10 min	267 Wh
Food mixer	800 W	10 min	134 Wh
Vacuum cleaner	1600 W	15 min	400 Wh
Hair dryer /curling tongs	1200 W	15 min	300 Wh
Coffee machine	1500 W	30 min	750 Wh
Pump	350 W	10 min	58 Wh
2 reading lamps	2x11 W	1 h	22 Wh
3 general lamps	3x7 W	4 h	84 Wh
5 outdoor lamps	5x7 W	2 h	70 Wh
Laptop computer	35 W	2 h	70 Wh
Total consumption			2800 Wh

*) depends on the model, no freezer compartment!

NOTE: Equipment "stand-by" consumption can be considerable.



Please calculate your own electricity needs and contact your nearest Naps representative in order to receive an offer for the most suitable Naps Big Pack system. The standard kits are as follows:

- Big Pack 522W: 6 x KC85 solar array / 600 Ah, 24V battery / 2,6 kW inverter-charger, 24 V → 230 V
- Big Pack 780W: 6 x NP130GK solar array / 800 Ah, 24 V battery / 2,6 kW inverter-charger, 24 V → 230 V
- Big Pack 1040W: 8 x NP130GK solar array / 600 Ah, 48 V battery / 4,0 kW inverter charger, 48 V → 230 V

The above systems are suitable in latitudes 30-50 degrees for daily loads 1400-1900, 1900-2600 and 2500-3600 Wh respectively. These values are indicative only.

Select Naps BigPack-system, when you value the following:

- home comforts in your holiday cabin or cottage.
- the possibility to use normal 230V or 110V appliances in your remote home.
- all year around usage, e.g. with the help of back-up generator.
- the possibility to connect to the electricity network in the future.



For additional information on Naps products and representatives, see address www.napssystem.com!

Your Naps dealer:

EN-SE-MI25-2-01/07