

# Off Grid Photovoltaic System

## Photovoltaic System Equipment

### > 6 Photovoltaic Modules

ES - 60 POLY 290 PERC, 290 Wp/31,80Vmpp

### > 1 Inverter

ECO-ICP 3000-24, 3000VA, 50A SOLAR, 30A AC CHARGE

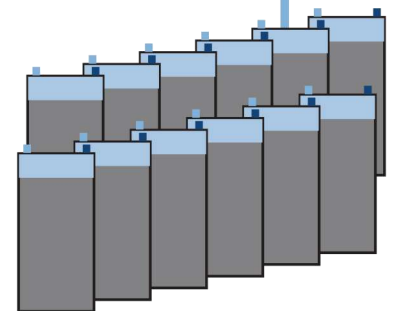
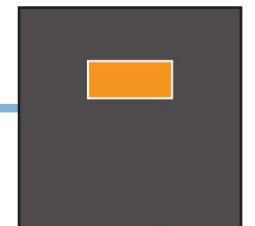
### > 12 Batteries

GEL 05 ECOPVV 550, 560Ah/C-100, 2V



6 Photovoltaic Modules  
1,74 kWp

1 Inverter 3 kVA



12 Batteries 13,5 kWh

## Power Consumption

Daily Consumption Coverage in a country cottage or a permanent residence  
Support Possibility On Grid or via Generator



10 X 

Refrigerator Class A+ (max. 1,95 m height)

Lighting 10 electronic lamps LED (7W) - 4 hrs

TV (50W) - 3 hrs

PC (100W) - 3 hrs

Electric Iron 1500W - 2 hrs / week

Washing Machine - 4 hrs / week

\* Using hot water from a solar water heater or a heating boiler

Absorber 150W - 1 hr

