

## GreenBox -XW6000 *energy harvesting and power storage system* (Industrial accupack 24kVAh)

Output 230V/50Hz:

Continuous output power (DC/AC Inverter)	6KW
Continuous output power (DC/AC Inverter + generator)	13KW
Peak power (Inverter surge 15second)	12KW
AC output voltage (50Hz)	230V
Peak current AC (15 second)	53A
Continuous output current AC (inverter)	26A
Output frequency	50Hz
Max. output current AC (DC/AC Inverter + generator)	60A
Input/output connection terminals	1x64A/240V SP

### Accumulator

Energy storage capacity	16pcs LA3016 Li-ion polymer 24KWh
Life cycle of the accumulator	4000 cycles
Storage time at no active state	6 month
Self-discharge	3% a day
Total charge time	5hours
Automatic bypass	10ms

### Monitoring

Voltage/current/temperature/energy

### External charger (generator or grid):

Input	230V/50Hz
Input current	21A
Charge current (DC)	70 A
Charge power	4,5kW

### Photovoltaic charger PV 150V:

Optimal module configuration for 60cells PV modules	2x8x250Wp (4kWp)
Optimal module configuration for 72cells PV modules	2x7x280Wp (3,9kWp)

### Photovoltaic charger PV 600V:

Optimal module configuration for 60cells PV modules	11x2x250Wp (5,5kWp)
Optimal module configuration for 72cells PV modules	9x2x280Wp (5kWp)

### Run time on full charged accumulator:

At 1A average consumption	100hours
At 5A average consumption	20hours
At max power output 6KW	4hours

### Dimension and weight:

1200x800x1200/ 400kG