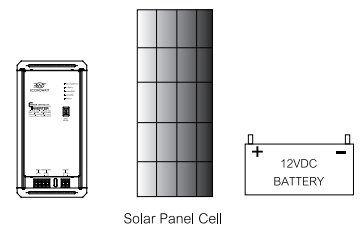


SOLAR HOME SYSTEM



FEATURES

- ➔ Suitable for switching load devices.
- ➔ Built in battery charger and switch mode High Frequency Inverter.
- ➔ Easy to install with light weight design.
- ➔ Exclusive design for PEA-SHS project in Thailand.



SPECIFICATION

Charger	Input Voltage Range	40 - 60 Vdc
	Nominal Output Voltage	14 Vdc
	Max. Charge current	10A
Inverter	Nominal Input Voltage	12 Vdc
	Input Voltage Range	10.5 - 15 Vdc
	Output Power Continuous	150W
	Output Voltage	220V+ / -3%
	Output Phase and Frequency	1 Phase / 50 Hz
	Output Wave Form	Modified Sine wave
	Output Surge Power (Max.)	2 times of nominal
	Efficiency at PF=1	80%
	Relative Humidity	0....95% (non condensing)
	Temperature	0....45 Degree Celsius

PV Module	Type	Amorphous Si Modules
	Brand	Bangkok Solar
	Model	BS 40 x 3 panels
	Total Power	120 W
Battery	Type	Deep Cycle Sealed Lead Acid
	Brand	FB Furukawa
	Model	FB 125 AH
	Nominal Capacity	125 AH
	Nominal Voltage	12 V
Load	Type	Electronic Fluorescent Lamp
	Brand	ECONOWATT
	Model	E-SET I 1x10W
	Power Consumption	2x11W = 22W

