

sun2go xl

ix o6zuns

solar + storage solutions

by The meeco Group

The meeco Group offers a solar power and storage solution to provide energy for agricultural or lighting applications, rural communities or any other type of application requiring off-grid power supply. The solution is available in both mobile (see image below) and kit version covering thus the most diverse power requirements.

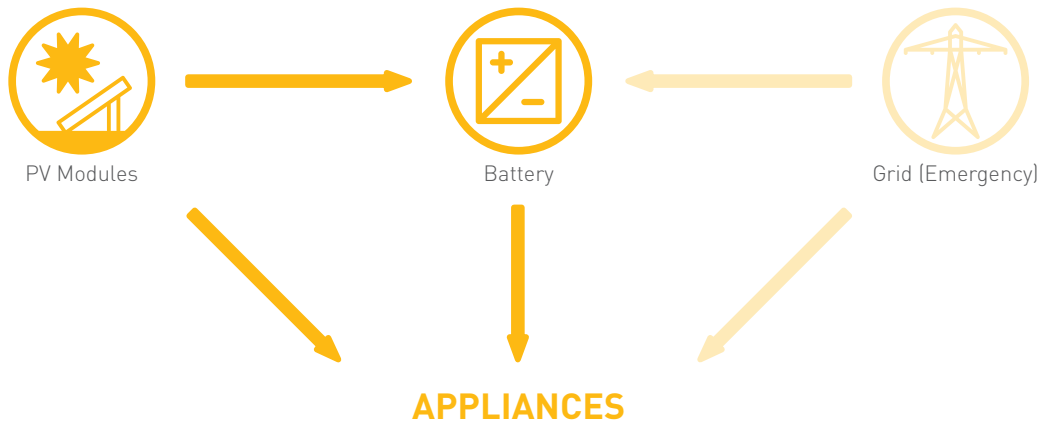
NEW!
upgraded
communication
tool



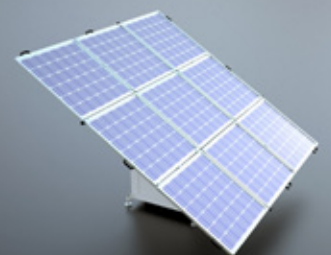
The sun2go xl has been upgraded compared to the previous model. It combines the modular concept and reliability with improved components and additional communication tool which facilitates the monitoring of the system. The sun2go xl product range offers ideal solutions for houses, shops, construction sites, small hospitals, emergency management, outdoor events, agricultural power supply and many more. sun2go xl can substitute

the use of fuel generators offering all the advantages of sustainable source of electrical power. The sun2go xl modular concept enables all users to customize the performance according to the energy consumption requirements. Extremely easy installation and low maintenance complete the main features of the sun2go xl.

sun2go xl, all you need to start producing, storing and consuming your own energy.



	n/hour	Qty	Wh/Day	kWh/Day
Lamp 15 W	6	6	540	4.03
Lamp 40 W	6	1	240	
Fridge 80 L	8	1	800	121
Television 31"	6	1	720	
Monitor 19"	4	1	720	1472
Microwave 800 W	25	1	333	
Small Washing Machine	25	1	500	
TOTAL				
			4033	





Daily Production (kWh)

Month	Roma	Beirut	Cairo	Addis Abeba
January	3.90	4.22	6.15	8.48
February	5.08	5.14	6.52	8.34
March	6.12	6.53	7.70	7.91
April	6.82	7.46	7.64	7.23
May	7.44	7.70	7.85	7.18
June	7.74	8.41	7.98	6.65
July	8.20	8.45	7.98	5.79
August	7.89	8.24	8.04	5.87
September	6.82	7.71	7.89	7.08
October	5.49	6.35	7.32	8.50
November	4.19	4.98	6.48	8.90
December	3.67	3.99	6.53	8.65
Yearly Average	6.12	6.61	7.35	7.54

Technical Data

▪ Space Required

Dimensions (closed): 1.27 x 1.27 x 1.20 m

Max Weight: 500 kg

Surface of the PV Sail: 9 m²

▪ Inverter

Inverter Power: 2 / 3 / 4 kWp

Voltage Inverter: 110 / 220 V

Frequency: 50 / 60 Hz

▪ Batteries

Capacity: 200 / 220 / 245 / 400 Ah

Voltage: 6 / 12 V

Maximum system voltage: 24 / 48 V

Typologie: AGM / GEL

▪ PV Modules

Type: Poly/monocrystalline silicon

Quantity: 9 (1x1 m)

Power: 1.3 / 1.35 / 1.4 kW

Autonomy of the Battery Pack

The following chart gives a clear indication of how many working hours remain, depending on the power load connected to the sun2go xl in the total absence of sun2light (the values refer to the 245 Ah battery pack at 48 V).

Power (W)	Remaining hours
100	174
500	24
1000	10
1500	6
2000	4
2500	3
3000	2,5

sun2go xl Products

- 150
- 50

Kits

- KIT120
- KIT200
- KIT300
- K75
- K100
- K150
- K200
- K300
- K400

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