



## AUTONOMOUS (OFF-GRID) PHOTOVOLTAIC SYSTEM

### EXERON MX B4PV12000I1/3F

Applications:	restaurants, houses, villas, remote sites, separate loads
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Main parameters	
Input PV power	10000 Wp
Output power	12000 VA
Output	1- / 3- phase
Average load	1000 VA
Backup time	24 hours

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System configuration		
PV modules	40 pcs	250 Wp, Polycrystalline
MPPT Solar Charge Controllers	5 pcs	SML2000 (5 x 2000 W)
Inverter modules	3 pcs	IRMU4000B (3 x 4000 VA), 220 VAC, 50 Hz, 1-phase
Cabinet for electronic modules	1 pcs	19" Cabinet, model MX, dimensions 600x600x1000 (WxDxH in mm.)
Power Distribution Unit (PDU)	1 pcs	Circuit breakers, protections, connectors
MCU module	1 pcs	Microcomputer control, LCD display
Battery, multicyclic	1 pcs	48 V / 705 Ah (34 kWh)
Battery bank	1 pcs	Steel construction
PV mounting construction	5 pcs	Assemblable ground-mount construction, anti-corrosive

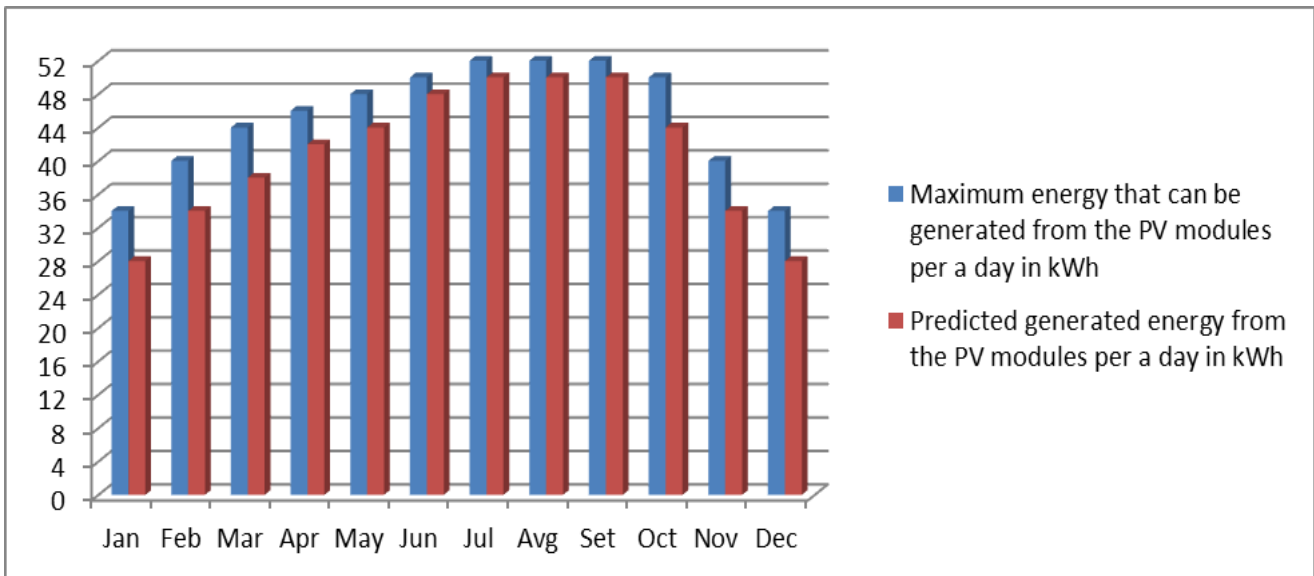
Options	
Grid input	Not included
Diesel Generator input	Not included

Price (18% VAT Not Included)	27.210.-EURO
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- Products are manufactured under ISO 9001:2008 and AQAP 2110 conditions
- Delivery time: ~6-8 weeks
- Delivery: Storehouse Norm, with special packing for transport
- Warranty: 24 months
- Full after-sales service
- System may change due to different usage hours and radiation rates.

**EXERON - HER ZAMAN GÜÇ BAĞIMSIZLIĞI, ŞEBEKE ELEKTRİĞİNİZ OLMASA BİLE**

Exemplary equipment				
Load	Qty	Power (W)	Time in use (h/day)	Consumed electricity (Wh)
TV	3	100	5	1 500
Satellite receiver	3	24	5	360
PC	2	150	5	1 500
Refrigerator	1	50	24	1 200
Stove	1	2 000	2	4 000
Air-Conditioner	3	800	4	9 600
Toaster	1	900	0.2	180
Coffee machine	1	1 400	0.2	280
Laundry machine	1	1 000	2	2 000
Light bulb A++	6	8	6	288
Security system	1	40	24	960
<b>24-hour total</b>				<b>22 kWh</b>



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