

**AUTONOMOUS (OFF-GRID) PHOTOVOLTAIC POWER SYSTEM****EXERON SX B4PV4000I1F**

Applications:	Small houses, villas, remote sites, separate loads
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Main parameters	
Input PV power	4000 Wp
Output power	4000 VA
Output	1-phase
Average load	250 VA
Backup time	48 hours

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System configuration		
PV modules	16 pcs	250 Wp, Polycrystalline
MPPT Solar Charge Controllers	2 pcs	SML2000 (2 x 2000 W)
Inverter modules	1 pcs	IRMU4000B (1 x 4000 VA), 220 VAC, 50 Hz, 1-phase
Cabinet for electronic modules	1 pcs	19" Cabinet, model SX, dimensions 600x600x500 (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 / 380 Ah (18 kWh)
Battery bank	1 pcs	Steel construction
PV mounting construction	2 pcs	Assemblable ground-mount construction, anti-corrosive

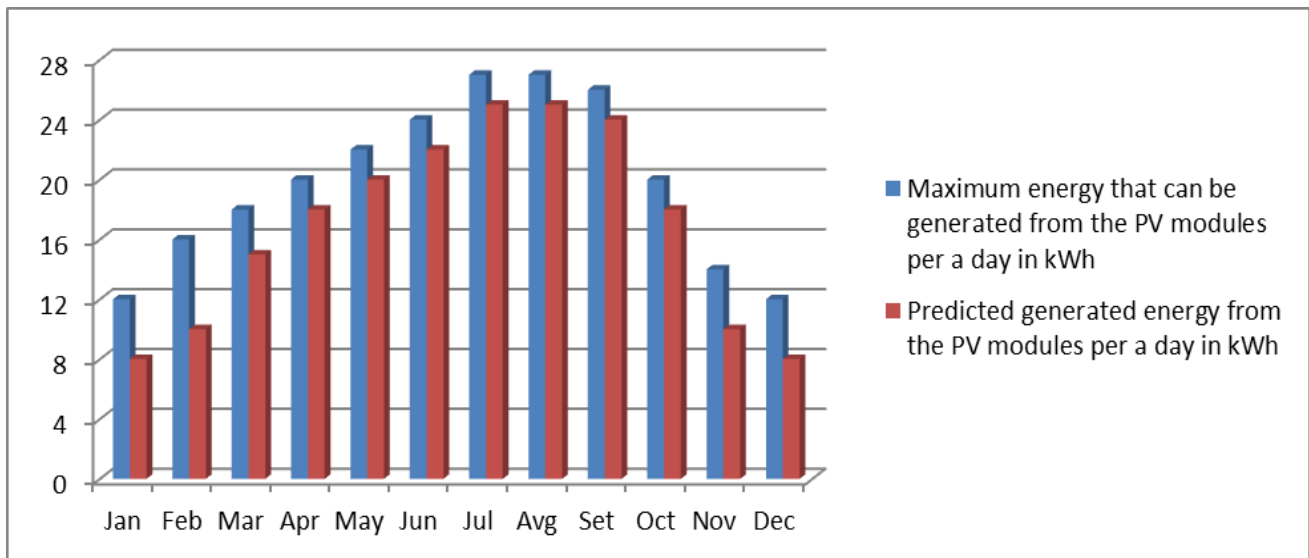
Options	
Grid input	Not included
Diesel Generator input	Not included

Price (18% VAT Not Included)	10.825.-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.



Exemplary equipment				
Load	Qty	Power (W)	Time in use (h/day)	Consumed electricity (Wh)
TV	2	100	5	1 000
Satellite receiver	2	24	5	240
PC	1	150	4	600
Refrigerator	1	50	24	1 200
Air-Conditioner	2	800	3	4 800
Toaster	1	900	0.2	180
Coffee machine	1	1 400	0.1	140
Light bulb A++	5	8	6	240
Security system	1	25	24	600
24-hour total				9 kWh



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