

**AUTONOMOUS (OFF-GRID) PHOTOVOLTAIC SYSTEM****EXERON FX B12PV16000I3F**

Applications:	hotels, restaurants, houses, villas, remote sites, separate loads
---------------	---

Main parameters	
Input PV power	16000 Wp
Output power	18000 VA
Output	3-phase
Average load	2100 VA
Backup time	24 hours

**EXERON**

System configuration		
PV modules	64 pcs	250 Wp, Polycrystalline
MPPT Solar Charge Controllers	8 pcs	SML2000 (8 x 2000 W)
DG/Grid Charge Controllers	6 pcs	ML2000 (6 x 2000 W)
Inverter modules	6 pcs	IRMU4000B (6 x 4000 VA), 220 VAC, 50 Hz, 3-phase
Cabinet for electronic modules	1 pcs	19" Cabinet, model FX, dimensions 600x600x2000 (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 / 1410 Ah (68 kWh)
Battery bank	1 pcs	Steel construction
PV mounting construction	8 pcs	Assemblable ground-mount construction, anti-corrosive
Diesel Generator	1 pcs	12 kVA, automatic control from the Exeron system

Options	
Grid input	Included
Diesel Generator input	Included

Price (18% VAT Not Included)	56.420.-EURO
------------------------------	--------------

- 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 (Loads)**

Load	Qty	Power (W)	Time in use (h/day)	Consumed electricity (Wh)
TV	6	100	5	3 000
Satellite receiver	6	24	5	720
PC	4	150	4	2 400
Refrigerator	4	50	24	4 800
Stove	2	2 000	2	8 000
Air-Conditioner	6	800	4	19 200
Toaster	2	900	0.2	360
Coffee machine	6	1 400	0.2	1 680
Laundry machine	1	1 000	2	2 000
Light bulb A++	50	8	6	2 400
Security system	1	100	24	2 400
<b>24-hour total</b>				<b>47 kWh</b>

