

MOBILE GREEN ENERGY



F SERIES. MOBILE SOLAR PV GENERATORS

The mobile solar PV generators of the **F Series** are designed to supply clean energy anywhere needed and immediately available. The main feature of the F Series is **mobility**. The **PV modules** are **integrated** in the structure of the unit and the opening/closing mechanism allows the F Series models to be **ready to supply energy** in few seconds. The F Series models require no installation. The wide range of optional features and the possibility to set different logics of operation make the F Series models **highly customized**, suitable for different indoor and outdoor applications.



F SERIES PRODUCTS LINE

F150

F50

PV POWER (Wp)	1400	350
INVERTER POWER (W)	3200	800
BATTERIES (N - V - Ah)	8 - 6 - 225 (AGM)	2 - 12 - 145 (AGM)
BATTERY CAPACITY (Wh)	10800	3480
DIMENSIONS CLOSED (cm)	127x127x120 (h)	70x70x70 (h)
DIMENSIONS OPENED (cm)	256x313x227 (h)	141x165x120 (h)
WEIGHT (Kg)	550	150

OPTIONAL

- 9,6 KWh OPzV battery pack
- 4 KW inverter
- up to 6 parallel units
- 3phase output with 3 or 6 units

- 1,6 KW inverter (only with 3,48 KWh battery)
- 2,4 KW inverter (only with 3,48 KWh battery)

Technical characteristics described in this data sheet are for information only. They are not contractual and may change without prior notice.

NO INSTALLATION REQUIRED. The Power generators of the F Series are ready to use in seconds!



BATTERY AUTONOMY

The following chart gives a clear indication of how many working hours are remaining, depending on the power load connected to the Power in the total absence of sunlight.

POWER (W)	F50 HOURS	F150 HOURS
100	40,6	165,0
500	5,5	22,5
800	3,1	12,6
1000	2,3	9,5
1500	1,4	5,8
2000	1,0	4,0
3000	-	2,4



DAILY PRODUCTION (kWh/day)

	ROME	JO'BURG	MEXICO CITY	SYDNEY	
F50	JANUARY	0,60	1,68	1,58	1,52
	APRIL	1,35	1,27	1,79	1,21
	JULY	1,70	1,09	1,58	1,06
	OCTOBER	0,97	1,61	1,52	1,49
	AVG (year)	1,15	1,43	1,63	1,33
F150	JANUARY	2,65	7,44	6,98	6,72
	APRIL	5,96	5,64	7,94	5,37
	JULY	7,53	4,83	7,02	4,70
	OCTOBER	4,31	7,14	6,72	6,58
	AVG (year)	5,11	6,33	7,24	5,89