

iKUBE™

MOBILE GREEN ENERGY



KSERIES. MINI PHOTOVOLTAIC GENERATORS

The stand-alone photovoltaic generators of the **K Series** are designed to supply green energy for applications with medium-low energy consumptions. The main characteristics of the K Series are to be **practical** and **compact**. The PV modules can be placed on a roof or on a ground structure depending on the needs. The **reduced dimensions** of the iKUBE K Series box enable the user to place it in anywhere. With its large range of options meant to satisfy various energy supply needs, the K Series is particularly suitable for outdoor activities. The mini photovoltaic generators of the K Series can be **easily carried** in a car trunk.



KSERIES PRODUCTS LINE

iKUBE K10

iKUBE K20

iKUBE K50

iKUBE K100

PV POWER (Wp)	95	190	500	1000
NUMBER OF PV MODULES	1 x 95 Wp	2 x 95 Wp	2 x 250 Wp	4 x 250 Wp
INVERTER POWER (w)	800	800	800	2400
BATTERIES (N - V - Ah)	1 - 12 - 100 (AGM)	1 - 12 - 145 (AGM)	2 - 12 - 145 (AGM)	2 - 12 - 145 (AGM)
BATTERY CAPACITY (Wh)	1200	1740	3480	3480
CASE DIMENSIONS (cm)/(Kg)	36x46x40/45	36x46x40/60	50 x 50 x 56/110	50 x 50 x 56/110
TOTAL WEIGHT (Kg)	55	80	150	190

OPTIONAL

- PV string combiner box

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

THE KSeries GENERATORS ARE KITs READY TO USE. You only have to connect the PV modules!



COMPACT SIZE



EASY TO TRANSPORT



AUXILIARY POWER



PV MODULES CONNECTION



BATTERY AUTONOMY

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

POWER (W)	K12 HOURS	K25 HOURS	K50 HOURS	K100 HOURS
50	26,4	40,6	95,7	95,7
100	11,2	17,2	40,6	40,6
150	6,8	10,4	24,6	24,6
300	2,9	4,4	10,4	10,4
500	1,5	2,3	5,5	5,5
800	0,9	1,3	3,1	3,1
1500	-	-	-	1,4



DAILY PRODUCTION (kWh/day)

		ROME	JO'BURG	MEXICO CITY	SYDNEY
K12	JANUARY	0,17	0,49	0,46	0,44
	JULY	0,50	0,32	0,46	0,31
	AVG (year)	0,33	0,41	0,47	0,38
K25	JANUARY	0,34	0,98	0,91	0,88
	JULY	1,00	0,64	0,92	0,62
	AVG (year)	0,66	0,82	0,95	0,76
K50	JANUARY	0,91	2,56	2,40	2,31
	JULY	2,59	1,66	2,41	1,62
	AVG (year)	1,76	2,18	2,49	2,03
K100	JANUARY	1,82	5,12	4,80	4,63
	JULY	5,18	3,32	4,83	3,24
	AVG (year)	3,511	4,36	4,98	4,05



iKUBE is a Pro D3 srl product and registered trademark
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