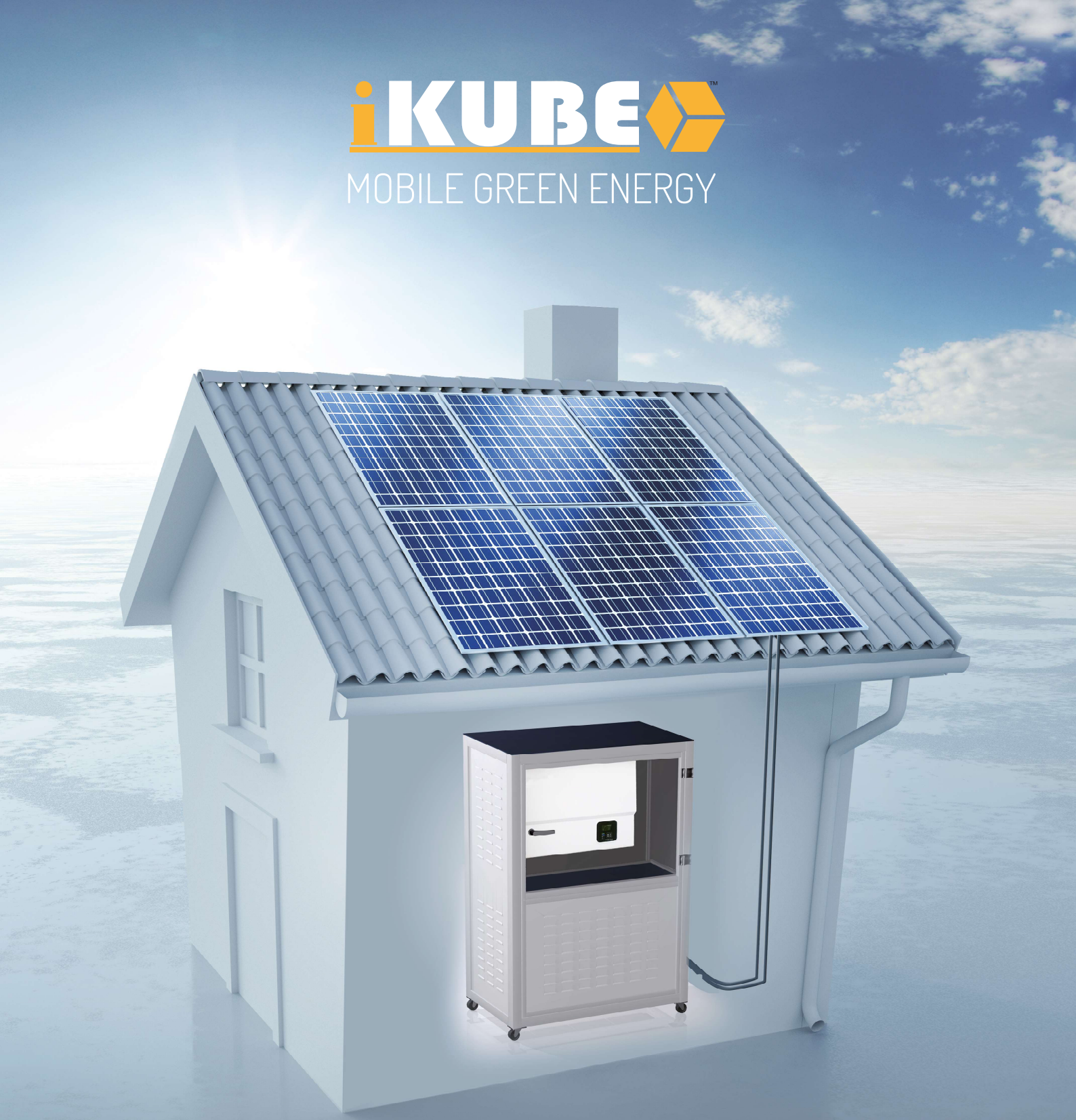
iKUBE

MOBILE GREEN ENERGY



HiSERIES. PHOTOVOLTAIC GENERATOR

The H Series solar power generators are designed to supply clean energy installing the PV modules on a roof or on a ground structure, while the iKUBE X Series box can be easily located in indoor areas. The main feature of the H Series is power. The biggest model of the H Series, with a size that easily fits in any room, hosts 8 KW inverter power and 19,2 KWh energy storage using OPzV gel batteries granting over 5 years of working life. The H Series generators maximize the power/price ratio. Having the possibility of a parallel connection between more units, a wide range of optional features and the possibility to set different logics of operation, the H Series models can be highly customized.

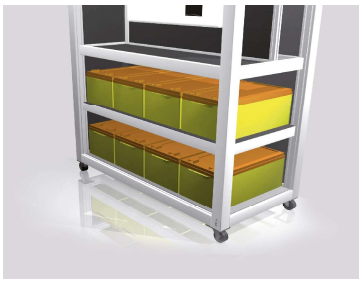
HiSERIES PRODUCTS LINE

	iKUBE Hi300	iKUBE Hi400	iKUBE Hi500	iKUBE Hi1000 no cei 0-21
PV POWER (Wp)	3000	4000	5000	10000
NUMBER OF PV MODULES	12 x 250Wp	16x 250Wp	20x 250Wp	40 x 250Wp
INVERTER POWER (W)	3000	3680	4600	10000 trifase
BATTERIES (N - V - Ah)	4 - 12 - 200 (OPzV)	4 - 12 - 200 (OPzV)	4 - 12 - 200 (OPzV)	8 - 12 - 200 (OPzV)
BATTERY CAPACITY (Wh)	9600	9600	9600	19200
CASE DIMENSIONS	61x124x175h/460	61x124x175h/460	61x124x175h/460	61x124x175h/770
(cm)/(Kg)	700	780	860	1570
TOTAL WEIGHT (Kg)	- 19,2 KWh OPzV battery pack - up to 6 parallel units - 3phase output with 3 or 6 units - PV string combiner box	- 19,2 KWh OPzV battery pack - up to 6 parallel units - 3phase output with 3 or 6 units - PV string combiner box	- 19,2 KWh OPzV battery pack - up to 6 parallel units - 3phase output with 3 or 6 units - PV string combiner box	- up to 3 parallel units - 3phase output with 3 units - 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.

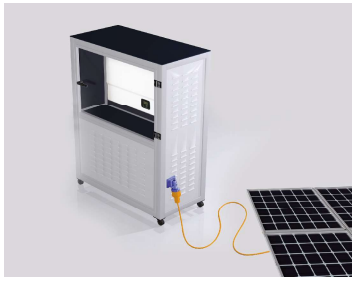
THE HiSeries GENERATORS ARE KITs READY TO USE. You only have to connect the PV modules!

COMPACT SIZE



MODULAR BATTERY PACK

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)	Hi300 HOURS	Hi400 HOURS	Hi500 HOURS	Hi1000 HOURS
100	170,0	170,0	170,0	420,0
500	20,0	20,0	20,0	50,0
1000	8,0	8,0	8,0	20,0
3000	2,0	2,0	2,0	4,7
4000	-	1,3	1,3	3,2
6000	-	-	0,8	1,9
8000	-	-	-	1,3

DAILY PRODUCTION (kWh/day)

		ROME	JO'BURG	MEXICO CITY	SYDNEY
Hi300	JANUARY	5,47	15,35	14,40	13,88
	JULY	15,55	9,96	14,49	9,71
	AVG (year)	10,54	13,08	14,95	12,15
Hi400	JANUARY	7,29	20,47	19,20	18,51
	JULY	20,73	13,28	19,32	12,95
	AVG (year)	14,05	17,44	19,93	16,20
Hi500	JANUARY	9,12	25.58	24,00	23,13
	JULY	25,92	16,60	24.15	16,18
	AVG (year)	17,57	21,80	24,92	20,25
Hi1000	JANUARY	18,23	51,67	48,00	46,27
	JULY	51,83	33,20	48,20	32,37
	AVG (year)	35,13	43,60	49,83	40,50

GENERAL BUILDING S.p.A.

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