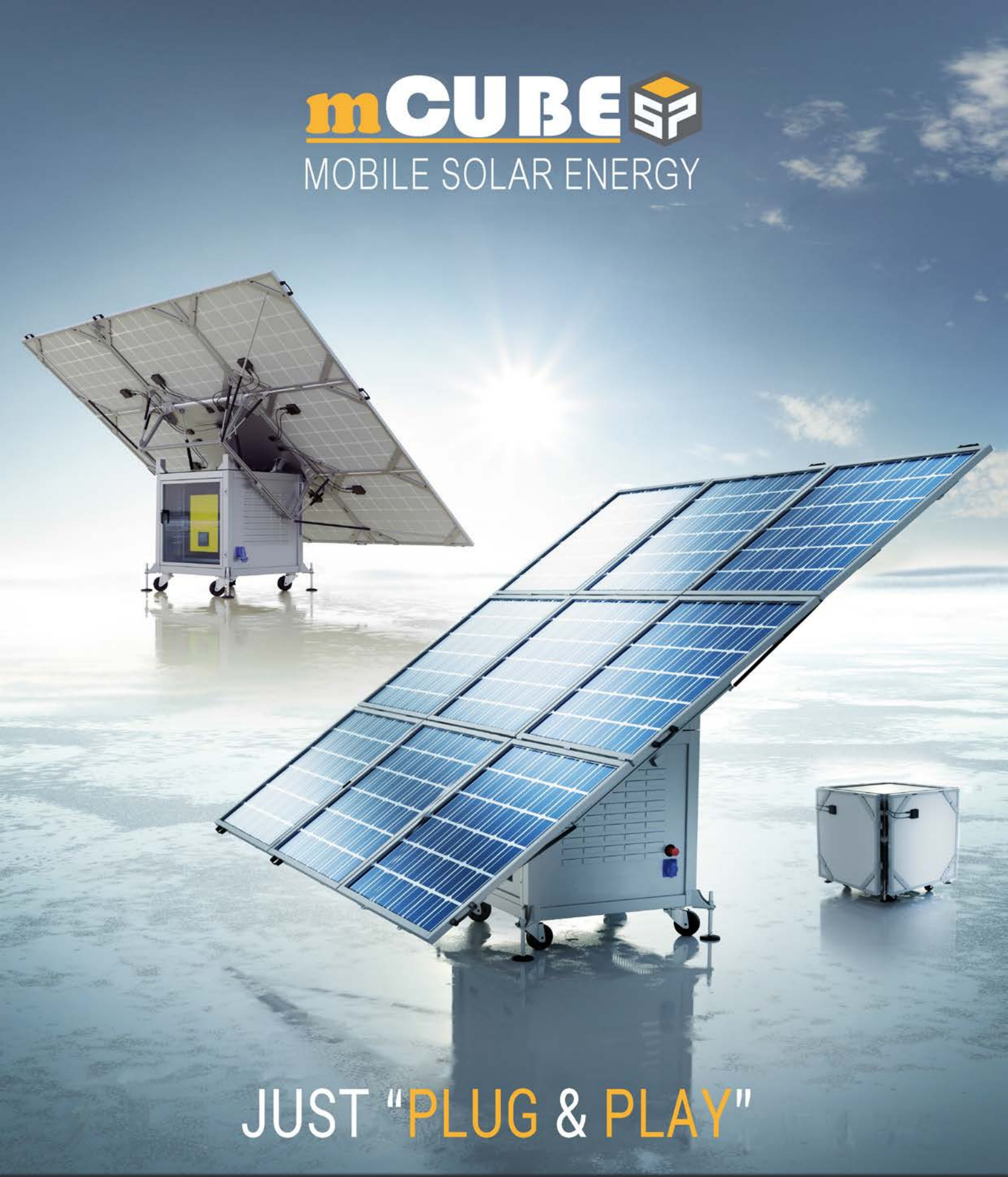
mCUBE

MOBILE SOLAR ENERGY



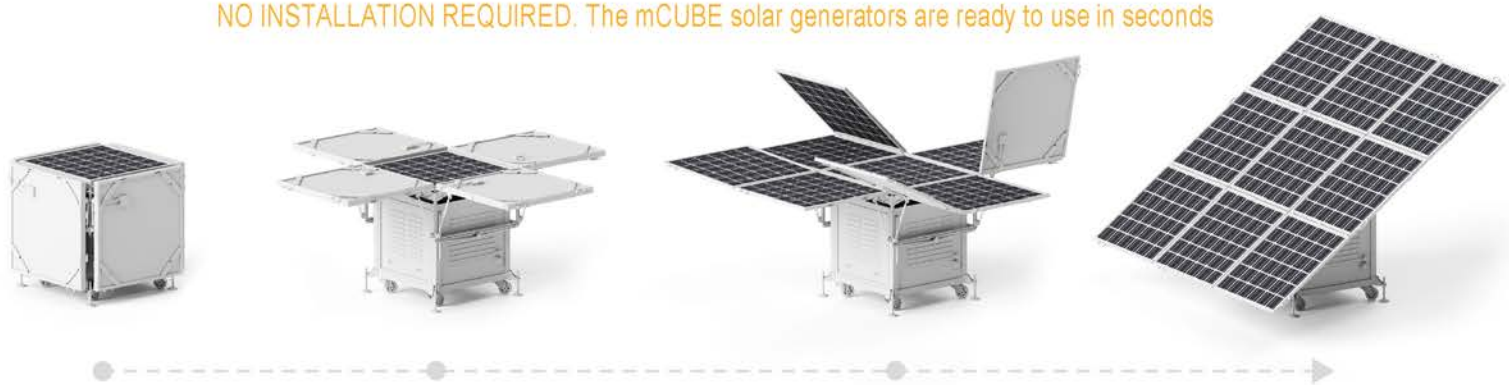
JUST "PLUG & PLAY"

This new generation "solar cube" is designed to supply clean energy anywhere needed and immediately available. The main features are mobility and all-in-one design concept. The PV modules are integrated in the structure of the unit and the opening / closing mechanism allows the solar cube to be ready to supply energy in few seconds. The solar cube requires no installation. The wide range of optional features and the possibility to set different logics of operation make the cube highly customized, suitable for different indoor and outdoor applications

TECH SPECIFICATION

	mCUBE S150	mCUBE S50
PV POWER (Wp)	1395 poly	360 mono
INVERTER POWER (W)	3200	800
BATTERIES (N - V - Ah)	8-6-225	2-12-110
BATTERY CAPACITY (Wh)	10800 (48V/225AH)	2640 (24V/110AH)
DIMENSIONS CLOSED (cm)	127x127x120H	70x70x70H
DIMENSIONS OPENED (cm)	256x313x227H	141x165x120H
WEIGHT (Kg)	515	120
OPTIONAL	- 21.6kWh enhanced battery - DC output 5V/12V/24V/48V - AC output 110V/60Hzt - Remote monitor controlt - Add recharge from wind turbine	- 1.6kW inverter - DC output 5V/12V/24V/48V - AC output 110V/60Hz - Remote monitor control

NO INSTALLATION REQUIRED. The mCUBE solar generators 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 mcube in the total absence of sunlight.

POWER (W)	S50 HOURS	S150 HOURS
100	30.9	170.0
500	4.3	24.0
800	2.4	13.2
1000	2.5	10.0
1500	1.5	6.1
2000	1.0	4.3
3000	-	2.6

DAILY PRODUCTION (kWh/day)

		LOS ANGELES	CAP TOWN	DUBAI	SYDNEY
S50	JANUARY	0.91	2.50	1.24	1.82
	APRIL	2.05	1.32	2.00	1.10
	JULY	2.32	0.87	2.03	0.83
	OCTOBER	1.37	1.98	1.71	1.70
	AVG (year)	**1.66**	**1.66**	**1.76**	**1.36**
S150	JANUARY	3.52	9.69	4.81	7.04
	APRIL	7.94	5.10	7.73	4.26
	JULY	8.99	3.38	7.87	3.23
	OCTOBER	5.31	7.66	6.64	6.57
	AVG (year)	**6.41**	**6.44**	**6.82**	**5.28**

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