



Free Mobile Green ENERGY

esempio.it



F150 • mobile solar PV generator

iKube is a ready to use mobile solar generator able to guarantee up to 4 kW power supply. Designed to provide electricity in all areas of the globe not covered by a distribution grid and for all uses that require being able to move their energy source, iKube can work even in the absence of sunshine offering the advantages of compactness, low noise, no fumes and fuel costs. The batteries contained in the base of only 1 m³ are recharged by the photovoltaic generator which, with its surface of 9 m², develops a power of 1,4 kW. Free yourself from rising energy costs, Take the energy you need wherever you go, Help clean up the environment, with the iKube...the ENERGY is where YOU want it!

SPACE REQUIRED

| | |
|------------------------|----------------------|
| Dimensions (closed) | 1,27 x 1,27 x 1,20 m |
| Dimensions (opened) | 3,13 x 2,57 x 2,28 m |
| Max. Weight | 500 Kg |
| Surface of the PV Sail | 9 m ² |

iKUBE
F150

INVERTER

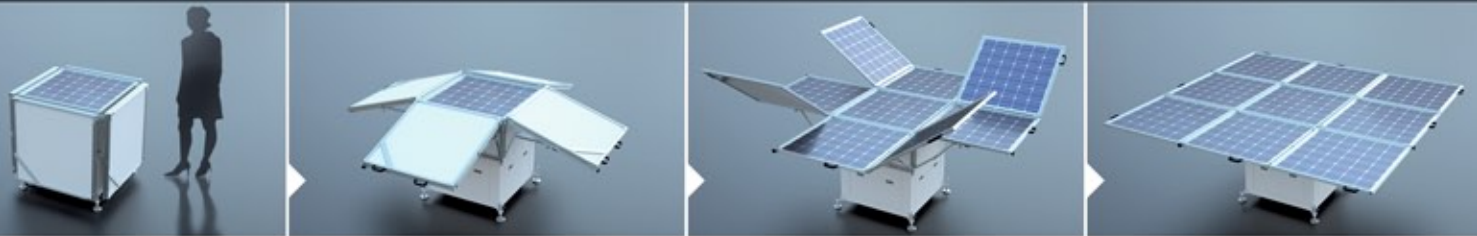
| | |
|----------------------|-----------|
| Inverter Power | 2/3/4 KwP |
| Voltage Inverter (V) | 110/220 |
| Frequency (Hz) | 50/60 |

BATTERIES

| | |
|---------------------------|-----------------|
| Capacity (Ah) | 200/220/245/400 |
| Voltage (V) | 6/12 |
| Maximum system voltage(V) | 24/48 |
| Typologie | AGM/GEL |

PV MODULES

| | |
|-----------|-------------------------------|
| Typologie | Poli/Mono cristalline silicon |
| Quantity | 9 (1x1 m) |
| Power(kW) | 1,3/1,35/1,4 |



NO INSTALLATION REQUIRED. The iKube is ready to use in seconds !

AUTONOMY OF THE BATTERY PACK



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 (the values refer to the battery pack of 245 Aha 48V)

| Power (W) | Remaining hours |
|-----------|-----------------|
| 100 | 174 |
| 500 | 24 |
| 1000 | 10 |
| 1500 | 6 |
| 2000 | 4 |
| 2500 | 3 |
| 3000 | 2,5 |

DAILY PRODUCTION (kWh)



| MONTH | Roma | Beirut | Cairo | Addis Abeba |
|----------------|------|--------|-------|-------------|
| January | 3.90 | 4.22 | 6.15 | 8.48 |
| February | 5.08 | 5.14 | 6.52 | 8.34 |
| Mars | 6.12 | 6.53 | 7.70 | 7.91 |
| April | 6.82 | 7.46 | 7.64 | 7.23 |
| May | 7.44 | 7.70 | 7.85 | 7.18 |
| June | 7.74 | 8.41 | 7.98 | 6.65 |
| July | 8.20 | 8.45 | 7.98 | 5.79 |
| August | 7.89 | 8.24 | 8.04 | 5.87 |
| September | 6.82 | 7.71 | 7.89 | 7.08 |
| October | 5.49 | 6.35 | 7.32 | 8.50 |
| November | 4.19 | 4.98 | 6.48 | 8.90 |
| December | 3.67 | 3.99 | 6.53 | 8.65 |
| Yearly Average | 6.12 | 6.61 | 7.35 | 7.54 |



iKube is a Pro D3 S.r.l. Product

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