

Stand-alone Solar Generator KW³ L / XL



Plug & Play

- Easy to use
- Integrated battery storage

Safe / Innovative

- Electronically controlled Short circuit
- Smart energy consumption management
- External hybrid resources
- Integrated air conditioning (optional)

Reliable / Upgradable

- 3 years warranty
- No service required
- Extra battery pack (optional)

Silent Running

- No CO² emissions

Stand alone solar generator KW³ L / XL

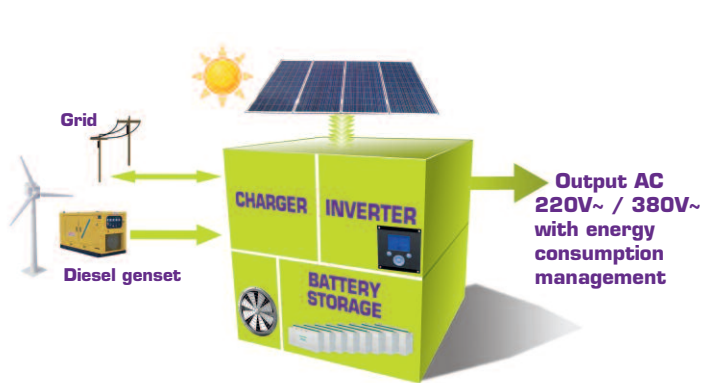
Solutions for off grid or back-up applications

Range of KW³, off-grid solar generators, offers an innovative architecture design, an AC 230V~ for a better efficiency and an optimum upgradability.

All KW³ generators have an auxiliary input (diesel powered generator, on grid network, ...). A controlled air conditioning (optional) can be added and make KW³ L/XL particularly suitable for harsh environment (dust, heat,...).

KW³ supplies electricity to remote habitation, water pumping system where the grid is deficient or impractical.

KW³ coupled with a diesel power generator can cut substantially ongoing running costs.



Options



Integrated air conditioning



Framed solar panels kit

Battery Pack

KW³ POWER CUBE

Technical data	KW ³ -L	KW ³ -XL
Photovoltaic input		
Max DC power	5 250 Wp	10 350 Wp
MPPT input Voltage range	175...500 V	333...500 V
Number of independent MPPT	1	1
AC output (consuming unit / isolated network)		
AC output	230V~ + cut off 230V~ output	
AC night Power at 25°C for 30mn/5Mn/3sec	6 000 W / 6 800 W / 11 000 W	8 000 W / 9 100 W / 11 000 W
AC day power at 25°C for 30mn	10 200 W	16 280 W
AC input (generator / grid)		
Rated input frequency / allowable input frequency range	50 Hz / 40 Hz - 70 Hz	
AC Input voltage	230 V~ (160 V~ → 270 V~)	
Max AC input power	10 500 W	
Protection	AC Short circuits/over temperature	
DC input battery		
Battery type	Gel OPzV, maintenance free	
Battery DC Voltage	48 V	
Max battery storage	19 200 Wh	
General data		
Degree of protection	IP 54	
Weight	890 Kg	990 Kg
Dimension (Depth x Width x Hight)	120 cm x 80 cm x 145 cm	
Cooling	Filtered dynamic ventilation / temperature sensor	
Frame	Thermo-lacquered coating / Anti rust treatment	
Country of origin	100 % European	
Warranty	3 years	

www.kwcube.com

