

KW³ Autonomous Solar Generator



- **Silent running**
No engine
- **No CO² emissions**
- **Economical**
The sun is free !
- **Simple**
No need to refill with fuel - Plug & Play
- **Universal**
Automatic voltage adaptation
- **Maintenance-free**
- **Secure system**
Electronic management of short-circuit
- **Upgradeable**
Possibility of increasing the solar source and the batteries storage
- **Reliable**
Automatic management of the charging cycles and batteries protection
- **Compatible with auxiliary supply sources**
Generator sets, fuel cells, co-generators, wind turbines,...

KW³ is a turnkey autonomous and powerful solar generator (Patented) 220V ~ / 380V - (plug and play).

KW³ is an autonomous solar generator that contains storage (GEL Technology), inverters, solar panels, connection componentry, and safety equipment. KW³ is ventilated by an exclusive high-performance filtration system. The KW³ integrates an innovative architecture structured around a 220V ~ internal network. This choice enables development of the system and enhanced performance compared to conventional systems. Indeed, during the daytime, the KW³ supplies your needs as a matter of priority via energy directly produced from solar panels, with the surplus energy being stored. Likewise, when there is not enough solar energy, the supplementary amount is provided by the array of batteries.

Uses :

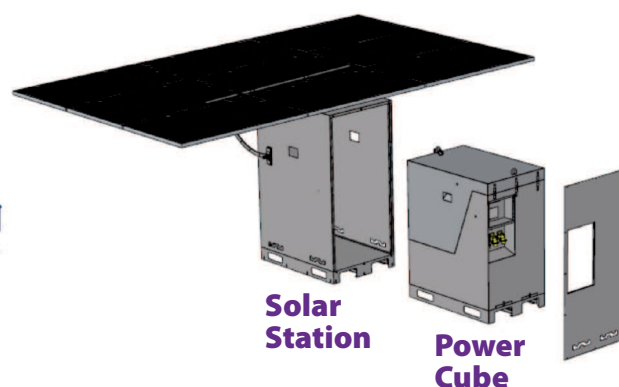
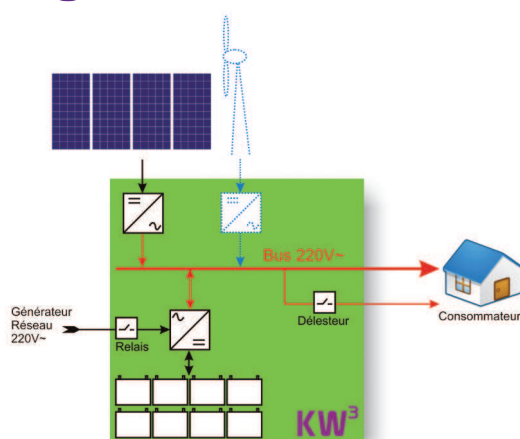
- **Independent power supply for isolated sites**
- **Water pumping**
- **UPS features**
Elimination of harmonics and back-up in the event of a power outage on the public electric network
- **Autonomous power supply for mobiles and temporary sites**
military camps, worksites, sports or cultural events,...

Technical specifications :

Model	KW³	XS	S	M	L	XL
Power Cube						
DC Power Input						
Photovoltaïc power		2250 Wp		3000 Wp		6000 Wp
AC Power Output						
AC Power during the night at 25 °C (30 min)		2900 W				5800 W
AC Power at 25 °C (permanent / 5min)		2200 / 3800 W				4400 / 7600 W
AC power during the day (with solar charging)		4810 W		5450 W		10900 W
AC Rated Voltage		230 V (202 V - 253 V)				
Frequency (ajustable)		50 Hz / 60 Hz (45 Hz - 65 Hz)				
Electrical protections		Management of short-circuit / overtemperature				
Energy Storage						
Storage Wh		8880 Wh	17760 Wh	8880 Wh	17760 Wh	17760 Wh
Technology		Gel, sans entretien				
Operation Time at 1 kW / 2KW / 3 KW / 4KW (h)		5 h / 2,5 h	13 h / 5,5 h	5 h / 2,5 h	13 h / 5,5 h	13 h / 5,5 h / 3,5 h / 2,5 h
General Data						
Weight		600 kgs	890 kgs	600 kgs	890 kgs	930 kgs
Dimensions (L x l x h) Closed / Open		1200 x 800 x 1568 mm / 1200 x 800 x 2560 mm				
Transport		2 shackles lift / carry by forklift				
Ventilation		Dynamic ventilation filtered / controlled by temperature sensor				
Warranty		5 years				

Solar Station					
Compatibility with Power Cube (● Yes / ○ No)	●	●	○	○	○
Weight	500 kgs				
Dimensions (L x l x h)	1247 x 830 x 2041 mm				

Block diagram :



Your distributor



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