



Falcon Energy Worldwide Inc.
2 Robert Speck Parkway, 7th Floor.
Mississauga, Ontario. L4Z 1H8
Phone 905 361 9823
Toll Free 1 800 378-9885
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www.falconenergyworldwide.com

POWER GENERATORS/BATTERY BACKUP



RESIDENTIAL



PORTABLE 1.3 WATTS



PORTABLE 3000 WATTS



FREE ENERGY

NO OIL, NO FUEL ONLY SUN - WIND – WATER NO SMOG, NO NOISE



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Power Generators Free Energy transforms solar and wind energy, hydrogen (optional) into electrical energy. Thanks to its internal rechargeable batteries, it can supply power for an extended period, even without the contribution of renewable sources. Currently there is nothing similar on the market. What is unique about our power station is the intelligent management of electricity supply, obtained by the continuous monitoring of the flow of energy in the house.

The sophisticated internal technology, allows users to supply all the energy produced from renewable sources, after which, automatically and seamlessly picks up and delivers the energy supplied by the normal electricity grid. During this phase, while the supply of electricity to users, it automatically continues to transform, deliver and accumulate the energy from renewable resources, free and inexhaustible. In all phases, if the renewable source is generating energy, this will take priority over the electricity grid.

Everything is done without affecting or changing habits in a perceptible way. Important note about the power station: the internal batteries can never be recharged with the energy of the electricity grid. This is one of the basic principles of the project, in full respect of environmental protection.



POWER GENERATOR

3kW

3000 Watts

48V DC

6000Wh

Dimensions: 160 x 60 x 40 cm

Output Voltage AC 230V

Frequency 50HZ

Batteries: 48V 120 AH

Solar/Wind Power compatible

Requires 6 solar panels

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VITALITY SM 8H is an electrical power generator which transforms solar-wind energy into electricity. It handles brilliantly and meet normal domestic use, without showing any weakness.



VITALITY SM 10H is an electric power generator that converts solar & wind energy into electricity that has features that make it unique. Power supply, compactness and paralleling up to 4 cars for a total power of peak 12000W and 6000 W continuous.





Falcon
ENERGY WORLDWIDE

Providing Green Energy Solutions

Falcon Energy Worldwide Inc.

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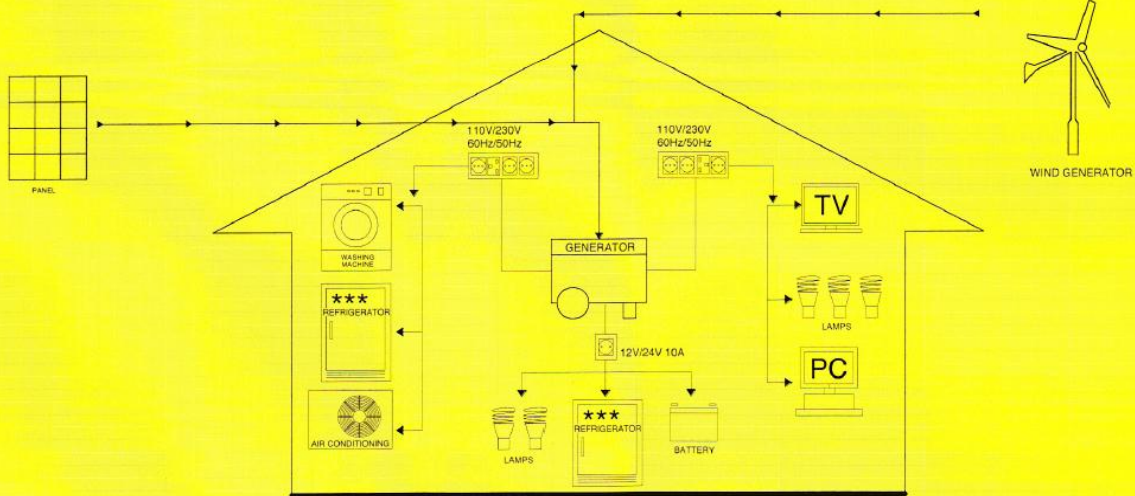
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Vitality-Sm 8H

Dati Tecnici/Detailed Description:		
Codice prodotto / Item No.		SM-8H
Potenza / Capacity		700 W
Tensione di sistema / System Voltage		24 V DC
Accumulo /storage		3000 Wh
Dimensioni Esterne (LxWxH) / External Dimensions (LxWxH)		64x67x61 cm.
Peso / Weight		98 Kg
Inverter	Onda in uscita / Output wave	Sinusoidale pura / Pure sine wave
	Tensione AC in uscita / Output voltage AC	230V
	Frequenza AC in uscita / Output frequency AC	50HZ
	Precisione della tensione in uscita / Precision of output voltage	2%
	Capacità di sovraccarico / Overload ability	1100W, 10 mins 900W, 30 mins
	Potenza massima / Maximum power	1300W 5 sec.
Alimentatore/Power DC	Tensione DC in uscita / Output Voltage DC	24V
	Corrente DC in uscita / Output current DC	40A
Pannelli Solari Solar Panels	Campo di tensione consentito in ingresso "Vmp" / "Vmp" range	17,3V - 43,0V
	Corrente consentita in ingresso "Imp" / "Imp"	Max 20A
Batterie/Batteries	Capacità / Capacity	24V 120AH
Parallelabile/String	Numero max di Vitality 8H in parallelo/Max number of Vitality 8H string	NO
Potenza MAX in Stringa	NO POSSIBLE	NO POSSIBLE

Vitality-Sm 10H

Dati Tecnici/Detailed Description:		
Codice prodotto / Item No.		SM-10H
Potenza / Capacity		1000 W
Tensione di sistema / System Voltage		24 V DC
Accumulo /storage		3000 Wh
Dimensioni Esterne (LxWxH) / External Dimensions (LxWxH)		64x67x61 cm.
Peso / Weight		98 Kg
Inverter	Onda in uscita / Output wave	Sinusoidale pura / Pure sine wave
	Tensione AC in uscita / Output voltage AC	230V
	Frequenza AC in uscita / Output frequency AC	50HZ
	Precisione della tensione in uscita / Precision of output voltage	10%
	Capacità di sovraccarico / Overload ability	3000W, 5 sec 1300W, 30 mins
	Potenza massima / Maximum power	3000W
Alimentatore/Power DC	Tensione DC in uscita / Output Voltage DC	12V/24V
	Corrente DC in uscita / Output current DC	40A
Pannelli Solari Solar Panels	Campo di tensione consentito in ingresso "Vmp" / "Vmp" range	17,3V - 43,0V
	Corrente consentita in ingresso "Imp" / "Imp"	Max 20A
Batterie / Batteries	Capacità / Capacity	24V 120AH
Parallelabile/String	Numero max di Vitality 10.0 in parallelo/Max number of Vitality string	4
Potenza MAX del Sistema MAX Power System	12000W	12000W

