

SOLAR FOR LESS THAN R 10000.00

**THIRTY
MINUTE DIY
INSTALLATION**



Gicom Sky 1000VA



100Ah 12V AGM



160W PV Module Poly



VAT No 427 013 6239
Call Centre 087 822 1150
Mon - Fri 8:00AM - 5:00PM

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COMPUTER HAVEN SOLAR SOLUTIONS

COMPUTER HAVEN 12 1000VA 900W 1 X 100Ah 12V Deep Cycle 7 Hours Estimated Recharge 53cm L 22cm W 40cm H Weight 38KG	VA	Watt	Amp	Efficiency	Min	Hours
	200	120 W	0.52	80%	459	7.5
	400	240 W	1.04	83%	187	3
	600	360 W	1.56	83%	102	1.5
	800	480 W	2.08	85%	79	1
	1000	600 W	2.60	84%	62	1
	1200	720 W	3.13	83%	42	

COMPUTER HAVEN 24 2000VA 1600W 2 X 100Ah 12V Deep Cycle 7 Hours Estimated Recharge 53cm L 44cm W 40cm H Weight 76KG	VA	Watt	Amp	Efficiency	Min	Hours
	200	120 W	0.52	82%	941	15
	400	240 W	1.04	83%	374	6
	600	360 W	1.56	84%	207	3
	800	480 W	2.08	85%	157	2.5
	1000	600 W	2.60	86%	127	2
	1200	720 W	3.13	86%	87	1
	1400	840 W	3.65	86%	75	1
	1600	960 W	4.17	87%	66	1
	1800	1080 W	4.69	86%	45	
	2000	1200 W	5.21	86%	40	
	2200	1320 W	5.73	86%	37	
2400	1440 W	6.26	86%	34		

A	Lighting	8 – 40 W 0.03 – 0.17 A
B	Laptop Computer	25 – 100 W 0.10 – 0.43 A
C	TV and DSTV	60 – 120 W 0.26 – 0.52 A
D	Desktop Computer	150 – 300 W 0.65 – 1.30 A
E	Fridge New Type	200 – 300 W 0.86 – 1.30 A

F	Washing Machine	600 – 1000 W 2.60 – 4.34 A
G	Heaters	1000 – 2000 W 4.34 – 8.69 A
H	Kettle	1500 – 2500 W 6.52 – 10.86 A
I	Stove	1500 – 3000 W 6.52 – 13.04 A
J	Geyser	2000 – 9000 W 8.69 – 39.13 A



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When trying to work out how much power will be drawn from your batteries by an inverter, a very rough but easy calculation is for every 1 Amp 240 Watts at 240 Volt, you can expect the inverter will draw about 20 Amps at 12 Volt from your batteries.

Critical devices such as Computers Internet Television Security and Lighting together use about 1 Amp.

One battery can comfortably provide three hours of power during power outages at 1 Amp 240 Watts.

A deep cycle battery is designed to provide a steady amount of current over a long period of time and can provide a surge when needed, a deep cycle battery is also designed to be deeply discharged over and over again, something that would ruin a car battery very quickly. To accomplish this, a deep cycle battery uses thicker plates.

BEWARE OF INFERIOR BATTERIES.

Battery used in an Inverter's runtime is load dependent and can be damaged when discharged more than eighty percent.

Our team of experts is well-equipped to provide technical guidance to enable our client to make an informed business decision.



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