

Sollatek

INVERTER POWER SYSTEMS LTD

RETAIL PRICE LIST,EFFECTIVE 1ST JULY 2014(IN KSHS)



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SINGLE PHASE AUTOMATIC VOLTAGE SWITCHERS

Product	Retail	Protection	Rating	Description
Fridgeguard 16% VAT	2,990.00 478.40 3,468.40	u/v	5A	Protects fridges, freezers, & bottlecoolers from low voltage. Cuts off at 185V and re-connects 180 seconds after resumption of good power.
Hivoltguard 16% VAT	2,950.00 472.00 3,422.00	o/v, sp	5A	Protects electronic products, including TV, video, fax, PABX, hi-fi etc., from high voltage and spikes. Cuts power at 260V and reconnects 10 - 15sec. after resumption of good power. The short time delay avoids inconvenience while watching TV
Tv guard 16% VAT	2,950.00 472.00 3,422.00	o/v, sp	5A	NEW. Ideal protection for your TV,LCD/Plasma screens and other expensive electronic equipment. Protects against high voltages,brown-outs & voltage dips.
Lightning guard 16% VAT	2,550.00 408.00 2,958.00	o/v, sp on both AC & DC lines	5A	Protects telephones, modems, fax machines and other telecoms equipment from lightning, surges and spikes on both the telephone and power lines. Similar in specs with the Faxguard.
Voltguard 16% VAT	3,550.00 568.00 4,118.00	u/v, o/v, sp	5A	A 5amp version of the AVS13 in an adaptor box with high and low voltage protection which reconnects 30 seconds after good power returns. Ideal for a single appliance which contains both electronics and a motor.
Freoguard 16 16% VAT	2,180.00 348.80 2,528.80	u/v, o/v, sp	16A	Industrial product with no socket. Protects A/C's up to 12,000 BTU, fridge/freezers, bottlecoolers, motors & pumps from low & high voltage and spikes. Cuts power at 185 & 260V & reconnects 3 minutes after good power returns. Water & tamper proof. (Formerly VDS 16P)
Freoguard 30 16% VAT	2,380.00 380.80 2,760.80	u/v, o/v, sp	30A	An industrial product with no socket. Protects air-conditioners up to 30Amps from low and high voltage & spikes. Cuts power at 185 & 260V and reconnects 3 minutes after good power returns. (Formerly VDS 30).

AVS13 16% VAT	4,475.00 716.00 5,191.00	u/v, o/v, sp	13A	A multi purpose unit, which protects all products against low & high voltage and spikes. Cuts power at 185 & 260V model with 5 LED'S and adjustable time delay plus on/off switch.
AVS15 16% VAT	4,500.00 720.00 5,220.00	u/v, o/v, sp	15A	Protects air-conditioners and washing machines from low & high voltage. Cuts off at 185 & 260V with 5 led's and adjustable time delay plus on/off switch. Also useful for load shedding non essential loads such as water heaters
AVS30 16% VAT	5,975.00 956.00 6,931.00	u/v, o/v, sp	30A	No socket. Protects large air-conditioners or machinery against low & high voltage and spikes. <u>NOW WITH ADJUSTABLE, BLIND SPOT, VOLTAGE LIMITS AND TIME DELAY.</u>
AVS100 16% VAT	45,900.00 7,344.00 53,244.00	u/v, o/v, sp	100A	No socket. Industrial product designed to protect large machines or complete electrical circuits against low and high voltage and spikes. Cuts off at 185 and 260V and you can choose the delay you require before good power returns.
AVS3P-0 16% VAT	19,150.00 3,064.00 22,214.00	u/v, o/v, sp	N/A	3 phase with No contactor. <u>DELAYS, BLIND SPOTS AND VOLTAGE LIMITS ADJUSTABLE.</u> Protects any three phase equipment which has a contactor. Optional phase rotation error detection. UNITS WITH CONTACTORS MADE TO ORDER.
AVS303-72 16% VAT	70,200.00 11,232.00 81,432.00	u/v,o/v,sp	72A	NEW. Protects against over voltage & under voltage on any one of the 3 phases as well as loss of one or more phases.Fully automated with no moving parts, the Avs303 incorporates a 72A contactor to switch the full load current(see the Avs 3P-0 if you already have switching mechanism in place).Also provides protection against power-back surges and for any two phases shorting together.
AVS303-110 16% VAT	92,700.00 14,832.00 107,532.00	u/v,o/p,sp	110A	NEW. As above but with 100A contactor
AC GUARD -20 16% VAT	3,500.00 560.00 4,060.00	u/v, o/v, sp	20A	NEW. The Ultimate protection for your air conditioner against low voltage & brownouts, high voltage, spikes & surges. Features intelligent time delay & circuit breaker.

AUTOMATIC VOLTAGE REGULATORS (AVR) - Single Phase.

The Sollatek Automatic Regulators (AVR) are microprocessor controlled, highly efficient, & very quick to respond to mains fluctuations (in less than one cycle). They give an extremely accurate output. They give a high degree of protection because of their very rapid response to mains fluctuations (in less than 20 milliseconds). The unit will stabilize the output to +/- 4% of 230V when the input voltage is as low as 165V and as high as 295V, thus providing a 54% correction range which makes the Sollatek AVR Range ideal for use with all sensitive electronic & electrical appliances. All units incorporate overload protection.

Product	Retail	Protection	Rating VA / Current @ 240V
AVR500 16% VAT	13,200.00 2,112.00 15,312.00	u/v, o/v, sp	0.5 kVA / 2 amps. When used with a Hivolt Guard on the output of the AVR, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR1200 16% VAT	32,800.00 5,248.00 38,048.00	u/v, o/v, sp	1.2 kVA / 5 amps. When used with a Hivolt Guard or AVS13 on the output, this unit will give the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR2500 16% VAT	47,200.00 7,552.00 54,752.00	u/v, o/v, sp	2.5 kVA / 10 amps. When used with an AVS13 on the output, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR5000 16% VAT	148,100.00 23,696.00 171,796.00	u/v, o/v, sp	4.6 kVA / 20 amps. When used with an AVS30 on the output, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR7500 16% VAT	161,250.00 25,800.00 187,050.00	u/v, o/v, sp	6.9 kVA / 30 amps. When used with an AVS30 on the output, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR10K 16% VAT	222,800.00 35,648.00 258,448.00	u/v, o/v, sp	9.2 kVA / 40amps. When used with an AVS100 on the output, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR12K 16% VAT	309,600.00 49,536.00 359,136.00	u/v, o/v, sp	11.5 kVA / 50amps. When used with an AVS100 on the output, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR18K 16% VAT	365,700.00 58,512.00 424,212.00	u/v, o/v, sp	17.2 kVA / 80amps. When used with an AVS100 on the output, this unit provides the ultimate protection for delicate electronic equipment in areas of persistent high, low or fluctuating voltage.
AVR24K 16% VAT	501,100.00 80,176.00 581,276.00	u/v, o/v, sp	23 kVA / 105amps

AUTOMATIC VOLTAGE REGULATORS (AVR) - Three Phase

The Three Phase Sollatek AVR's operate on the same lines as the single phase units by monitoring the voltage on each individual phase. They are all microprocessor controlled solid state units with a 20 milliseconds response time and give an output of + - 4%. An AVS function can be added to the AVR which will ensure a delay of your choice before the AVR can restart after power cuts and only reconnects power to the load when the input voltage is within the AVR's range.

All sizes come with current meters and voltage meters with all other extras being optional and chargeable. The prices below are up to 3 x 100 kVA. Prices of larger units up to 1000kVA are available on request.

ALL THREE PHASE AVRS COME WITH A RETURN TO BASE 2 YEARS COMPREHENSIVE WARRANTY.

Product	Price	Protection	KVA Rating	AMPS per Phase	Weight In Kgs	Optional Extra For all 3 Phase AVR's available upon request.
AVR3x30 16% VAT	446,150.00 71,384.00 517,534.00	u/v, o/v, sp	20.7	30	135	1. AVS Function 2. DSP Function (for protection against lightning) 3. Circuit Breaker option(recommended to be used) 4. Manual Bypass option(recommended to be used)
AVR3x50 16% VAT	766,100.00 122,576.00 888,676.00	u/v, o/v, sp	36	50	225	
AVR3x75 16% VAT	1,001,500.00 160,240.00 1,161,740.00	u/v, o/v, sp	54	75	300	
AVR3x100 16% VAT	1,506,700.00 241,072.00 1,747,772.00	u/v, o/v, sp	72	100	425	

SOLLATEK VOLTAGE STABILISERS (SVS) - Single Phase.

The Sollatek Voltage Stabilisers (SVS) are microprocessor controlled relay based stabilisers that can boost the incoming voltage when it is low & reduce it when it is too high. The output will be corrected by +/- 25%. E.g. if the input voltage is 180V or rises to 270V then the output will be 240V so your equipment will operate normally. The SVS is ideal for use on all electrical appliances especially refrigerators, coolers, freezers, & air conditioners and all home and office appliances. A change in the delay times of the AVS function can be done on request and for a nominal extra charge. **Now with new feature enabling total genset compatibility for the 2A and 4A models.**

Product	Retail	Protection	WATT / Current @ 240V
SVS500 16% VAT	7,950.00 1,272.00 9,222.00	u/v, o/v, sp	500W / 2 Amp. Ideal for T.V., video & computers. Incorporates AVS function on the output with a 10 sec delay to provide complete protection with minimum inconvenience.
SVS1000 16% VAT	9,950.00 1,592.00 11,542.00	u/v, o/v, sp	1000W / 4 Amps. As above, but can also be used on one fridge or freezer Delay is 1 min to allow time for decompression of compressors in fridges and freezers..
SVS2000 16% VAT	15,150.00 2,424.00 17,574.00	u/v, o/v, sp	1920W / 8 Amps. Now with AVS function to provide extra protection to appliances.
SVS3500 16% VAT	21,650.00 3,464.00 25,114.00	u/v, o/v, sp	3500W / 15 Amps. Same as for SVS2000.
SVS5000 16% VAT	25,350.00 4,056.00 29,406.00	u/v, o/v, sp	5000W / 20 Amps. Same as for SVS2000.
SVS12000 16% VAT	83,450.00 13,352.00 96,802.00	u/v, o/v, sp	12000W / 50 Amps. The 'Home Stabiliser' . Ideal to provide stable power for an entire office or house. Contact us if more protection required.
SVS18000 16% VAT	113,000.00 18,080.00 131,080.00	u/v, o/v, sp	18000W / 75 Amps. The 'Home Stabiliser.' Ideal to provide stable power for a whole office or house. Contact us if more protection required.
FRIDGE STAB 16% VAT	4,200.00 672.00 4,872.00	u/v, o/v, sp	NEW. Micro-processor controlled stabilizer, with wide input voltage range & excellent output voltage stability. Incorporates surge/spike protection, circuit breaker & AVS function. 3 minute start-up delay.
TV STAB 16% VAT	4,200.00 672.00 4,872.00	u/v, o/v, sp	NEW. Micro-processor controlled stabilizer, with wide input voltage range & excellent output voltage stability. Incorporates surge/spike protection, circuit breaker & AVS function with very fast response. 10 seconds start-up delay.

POWER SUPPRESSORS

Product	Retail	Rating	Description
SPIKEGUARD 16% VAT	1,550.00 248.00 1,798.00	13A	Protects any equipment rated upto 13amps for instance computers, office equipment, domestic appliances, printers, fax machines, laptops, HiFis from mains surges and spikes. Easy to fit, small, safe and maintenance free.
MULTI GUARD - 1 16% VAT	2,750.00 440.00 3,190.00	13A	13 Amp multiway socket (4 sockets) with spike protection. Comes in a blister pack.
MULTI GUARD -X 16% VAT	1700.00 272.00 1,972.00	13 A	NEW. As above but a smaller unit with shorter cable.
MULTI GUARD MGX6 16% VAT	2,300.00 368.00 2,668.00	13 A	NEW. As above, but a 6 way 13Amp protection strip. Ideal for all electronic appliances & especially useful for home use.
DSP1P-0 16% VAT	12,550.00 2,008.00 14,558.00	Comprehensive Spike & Lightning Protection	Distribution Surge Protector (DSP) single phase. Connected at the point of entry distribution panel, the DSP protects against surges, spikes, LIGHTNING and transient over voltages conducted through the power distribution boards.
DSP3P-0 16% VAT	16,850.00 2,696.00 19,546.00	Comprehensive Spike & Lightning Protection	Distribution Surge Protector (DSP) three phase. Connected at the point of entry distribution panel, the DSP protects against surges ,spikes, LIGHTNING and transient over voltages conducted through the power distribution boards

POWERBACK

Product	Retail	Rating	Description
SOLLATEK POWERBACK INVERTER 5KVA SYSTEM 16%VAT	132,925.00 21,268.00 154,193.00	5KVA	NEW. Single phase inverter with inbuilt battery charger. Incorporates comprehensive surge protection and Avs function. Highly efficient pure sinewave unit. Line interactive with faster transfer time and intelligent charging to reduce recharge time. Incorporates overload, short circuit and high temperature protection. Suitable for all types of appliances (including heavy duty Air conditioners), electrical and electronic equipment. Compact in size and incorporates comprehensive LCD display.

SOLAR PANELS

ICP

Product	Retail	Description
14 WATT ICP PANEL	3,010.00	Amorphous panel with aluminium frame. 10 YEAR WARRANTY.

SOLAR PANELS

Sollatek

Product	Retail	Description
20 WATT PANEL	3,500.00	Sollatek's high efficiency solar modules comprise of polycrystalline cells built into a reinforced anodised aluminium frame. A Tedlar base is used and the solar cells are protected by tempered glass and a high strength polymer sheet at the front and rear respectively. These modules are fully sealed against moisture, protected by 2 schottsky by-passed diodes and conform to Kenyan standards KS1674:2003. 25 YEAR PERFORMANCE WARRANTY.
30 WATT PANEL	6,350.00	Characteristics as above.
45 WATT PANEL	7,600.00	Characteristics as above.
60 WATT PANEL	9,950.00	Characteristics as above.
90 WATT PANEL	14,650.00	Characteristics as above.
120 WATT PANEL	19,400.00	Characteristics as above.

SOLAR LANTERNS AND ACCESSORIES

Product	Retail	Description
D20	10,482.00	NEW. The D20 Solar Home System includes two hanging lamps and a portable lantern. It is enough to illuminate three rooms at once. Provides up to 15 hours of light on a single charge. Each light comes with a separate wall switch. Includes a USB output that charges mobile phones and other low power USB devices. Capable of holding up to four hanging lamps. 2 YEAR WARRANTY.
D20 SOLAR LAMP	1,489.90	NEW. The D20 Solar hanging lamps are available for those wishing to upgrade their system to three or four hanging lamps from the default two. <i>Note:</i> The hanging lamps are only for use with a D20 Solar Home System.
S300	3,310.35	A sturdy lantern providing high-quality light while doubling as a mobile phone charger. Provides 12 hours of bright light on a day's charge and can recharge a mobile phone in as little as 2 hours. Has several brightness settings which last for different lengths of time. Includes an efficient, portable solar panel with a lengthy outdoor cable for convenient solar charging. 2 YEAR WARRANTY.
S20	1,103.50	Very low cost area light. Provides 8 hours of light on full battery and incorporates an integrated solar panel to make recharging as easy as possible. Has a unique shape and multiple setting handle which allows it to be carried, hung from the wall or ceiling or placed on any surface to effectively illuminate the surroundings. 2 YEAR WARRANTY.
S2	937.95	All purpose, high brightness solar LED light. Provides 4 hours of light on a full day's charge. Provides focused lighting ideal for studying or working. Can be fully charged in one day with the integrated solar panel, or it can be charged in a few hours through AC using any standard 2mm Nokia mobile charger. 2 YEAR WARRANTY.

SOLAR CHARGE CONTROLLERS

Product	Retail	Description
SUNPOWER 6	2,550.00	Solar panel charge controller for panel arrays of up to 64W & loads up to 6 Amps DC. Microprocessor controlled mosfet based unit with 5 LED'S. Very low power consumption and PWM charging. Ideal for small lighting systems.
SUNPOWER10 (10A/12V)	3,250.00	NEW.As above, but for panel arrays & loads upto Amps DC.Latest addition to the Sunpower range.
SPCC10 (12V& 24VDC) (10 AMPS)	3,250.00	Solar Panel Charge Controller for arrays & loads up to 10Amps. A high efficiency low cost unit ideal for small lighting systems which may require to be expanded at a future date. Adjustable voltage limits & four LED's for clear status indication.
SPCC10E (12/ 24V DC) (10 AMPS)	7,100.00	As above but with additional features eg., has a timer facility which makes it ideal for use in Solar systems for outdoor lighting. Current consumption is about 25% of the normal SPCC10. All "E" models have temperature compensation built in and are field selectable for 12 or 24V operation.
SPCC16E (12 / 24V DC) (16 AMPS)	7,250.00	Charge Controller for arrays & loads of up to 16 Amps DC. A very efficient unit that offers high specifications, reliability and quality at a competitive price. Adjustable voltage limits & five LED's for clear status indication. This is the best charge controller in the market.
SUNPOWER 30 (12 / 24V DC) (30 AMPS)	10,300.00	As above but for arrays & Loads of upto 30amps. A high efficiency low cost unit ideal for larger systems. SPECIFY 12 OR 24V MODEL WHEN ORDERING.
SUNPOWER 30+LCD (12/ 24VDC) (30 AMPS)	13,650.00	NEW. A 30 Amps Sollatek charge controller now with three digits display that continuously indicates your battery voltage.

150W INVERTER 16% VAT	5,200.00 832.00 6,032.00	Non transformer based single phase inverter without inbuilt battery charger. Can power singular loads like energy saving lights or radio or mobile phone charger in Solar electric systems.
300W INVERTER 16% VAT	6,600.00 1,056.00 7,656.00	As above
500W INVERTER 16% VAT	11,200.00 1,792.00 12,992.00	Non transformer based single phase inverter without inbuilt battery charger. Can power singular loads like 14 inch TV, energy saving lights, radio or mobile phone charger in Solar electric systems.
600VA INVERTER 16% VAT	16,850.00 2,696.00 19,546.00	Transformer based single phase inverter with inbuilt battery charger. Can power combined diverse loads like TV,DVD and lights as well as other electrical and electronic appliances in Power backup or Solar electric systems.
800VA INVERTER 16% VAT	21,600.00 3,456.00 25,056.00	As above
1.4 KVA INVERTER 16% VAT	27,800.00 4,448.00 32,248.00	As above
2.5KVA INVERTER(luminous) 16% VAT	33,750.00 5,400.00 39,150.00	As above

DC SOLAR LIGHTS AND DC ELECTRICAL FITTINGS

Product	Retail	Description
DC ECOLITE (12 V) 16% VAT (8 WATT)	1,000.00 160.00 1,160.00	High quality low cost light. Designed for the no frills, lower cost market where reliability is still of critical importance. Efficient light using a low cost linear fluorescent tube. No RFI interference. Short circuit and reverse polarity protection.
DC ECOLITE (24 V) 16% VAT (18 WATT)	2,900.00 464.00 3,364.00	As above but in 24V DC .
DC LUMINA LIGHT (12V) 16% VAT (7,9,11WATT)	2,950.00 472.00 3,422.00	Very reliable giving more light from a PL bulb and consuming less power than any other light in the market. High quality finish in a tough housing designed to prevent intrusion by dust and insects. This is the next generation of solar lights.
DC LUMINA LIGHT (24V) 16% VAT (7,9,11WATT)	3,100.00 496.00 3,596.00	As above, but 24V DC operation.
DC LUMINA LIGHT (12V) 16% VAT (18WATT)	3,950.00 632.00 4,582.00	As above, but with 18Watt PL bulb.
DC LUMINA LIGHT (24V) 16% VAT (18WATT)	3,650.00 584.00 4,234.00	As above, but with 24 DC operation.

SPARE BULBS FOR SOLAR LIGHTS

Product	Retail	Description
8 WATT ECOLITE TUBE 16% VAT	250.00 40.00 290.00	FOR ECOLITES
7/9/11 WATT PL BULBS 16% VAT	500.00 80.00 580.00	FOR LUMINA LIGHTS
18WATT ECOLITE TUBE 16% VAT	350.00 56.00 406.00	FOR ECOLITES
18 WATT PL BULB 16% VAT	650.00 104.00 754.00	FOR LUMINA LIGHTS/STREET LIGHTS (PL MODEL)

IMPORTANT NOTES.

1. Always use 'deep cycle' batteries (e.g. solar & NOT car batteries) in solar installations.
2. Always protect batteries with a Sollatek charge controller.
3. No Warranty on bulbs.

STANDARD TERMS AND CONDITIONS OF SALE TO AUTHORISED DISTRIBUTORS

GLOSSARY

U/V - UNDER VOLTAGE : Disconnects mains power in half a second.

0/V - OVER VOLTAGE : Disconnects mains power within twenty milliseconds (less than one cycle).

SP - SPIKE PROTECTION : Rated at 320V with energy of 160 Joules (minimum).

RFI - RADIO FREQUENCY INTERFERENCE FILTER.

DELIVERY

PRICES INCLUDE FREE DELIVERY AND INSURANCE. (EXCEPT FOR 3 PHASE AVR's)

GUARANTEE

- **ALL SOLLATEK PRODUCTS CARRY A FIVE YEAR GUARANTEE ON PARTS AND LABOUR. EXCEPT WHERE EXPRESSLY SPECIFIED OTHERWISE**
- **WE GUARANTEE SPARE PARTS AND SERVICE SUPPORT AVAILABLE ON ALL PRODUCTS.**
- **GUARANTEE IS INVALIDATED IF THE PRODUCT HAS BEEN OPENED OR TAMPERED WITH BY THE CUSTOMER.**