



YOUR  
**ENERGY**  
Your **RULES**

Hybrid Auxilia **Solar** & AC  
UPS inverters





## Tasol Hybrid Auxilia solar UPS system

MODEL	Auxilia 0.7 kw	Auxilia 1.4 kw
CAPACITY	720 W	1440 W
INPUT		
Voltage	230 VAC	
Voltage Range	170 - 280 VAC (UPS mode) 90 - 280 VAC (INV. mode)	
OUTPUT		
Voltage regulation (Batt.mode)	+/- 10%	
Transfer time	20 ms typical	
Waveform	Simulated sine wave	
BATTERY		
Battery voltage	12 VDC	24 VDC
Floating charge voltage	13.7 VDC ± 0.25 VDC	27.4 VDC ± 0.5VDC
Maximum charge current	10A or 20A	
SOLAR CHARGER		
Charging current	50A	
System voltage	12 VDC	24 VDC
Operating voltage range	15 - 18 VDC	30 -32 VDC
Max. PV Array open circuit voltage	40 VDC	60 VDC
PHYSICAL		
Dimensions (LXBXH) mm	325 x 230 x 86	
Net weight (kgs)	2.5	2.8

### A new compact UPS system accepting solar and AC power input to charge.

It is built with a selectable input voltage switch, which can support home appliances with input voltage ranging from 90 - 280 VAC and PC's from 170 - 280 VAC. Easily accessed on the back panel this switch allows the user to choose the required type of AC loads.

The new Hybrid Solar Auxilia has integrated AC and solar chargers built-in, and can use either AC power to charge the battery, solar power generated from a photovoltaic panel, or both of these at the same time to shorten charging hours. The built-in solar charger is at 50A, and AC charging current is selectable for 10A or 20A.

This product is ideal for keeping lights on, or charging phones and laptops during power outages. TASOL will assist with putting the ideal solar UPS package together for your requirements



SOLAR GEYSERS



TURNKEY  
PROJECTS



PHOTOVOLTAIC  
SYSTEMS



HEAT PUMPS



INTEGRATED  
THERMAL SYSTEM



SOLAR PUMPS



ENERGY EFFICIENT  
PRODUCTS



- Sensitive input selector (UPS mode & inverter mode) for PC's and home appliances
- Accepts utility and solar input at the same time
- Wall mounting for saving space
- 10A or 20A standard AC charging current
- Built in 50 A solar charger
- Adjustable battery charging voltage
- Generator compatible
- LCD display for comprehensive information of power operation
- Overload, short circuit and polarity reserve protection



Creating a sustainable  
future with solar energy.

## Contact Details

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Solar Academy of Sub Saharan Africa (PTY) Ltd.

T's & C's Apply



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