



YOUR
ENERGY
Your **RULES**

THE POWER OF THE SUN AVAILABLE IN THE PALM
OF OUR HANDS





Tasol Hybrid Auxilia solar UPS system

Model	Auxilia 3kw	Auxilia 5 kw
INPUT (DC)		
Maximum PV Input Power	3300 W	5000 W
MPP Voltage Range	145VDC	
Nominal DC Voltage	30 VAC -115 VDC	60 VDC - 115 VDC
Start - up Voltage /Initial Feeding Voltage	30 VDC	60 VDC
Maximum Input Current	145 VDC	
Number of MPP Trackers /Strings per MPP Tracker	1 x 13 A	1 x 15 A
OUTPUT (AC)		
AC Nominal Power	3000 W	4600 W
Maximum AC Apparent Power	3000 VA	4600 VA
Nominal AC Voltage	230 VAC	
AC Voltage Range	184 - 264 VAC	
AC Grid Frequency	50Hz / 60 Hz	
Nominal Output Current	13 A	20 A
Power Factor @ Rated Power	> 0.99	
EFFICIENCY		
Maximum Efficiency	97.0 %	
European Efficiency @ Nominal Voltage & 100% Load	96.0 %	
PHYSICAL		
Dimension	160 x 270 x 450	182 x 308 x 515
Weight	15.0	20.0
Over Current Protection	30 A	50 A
INTERFACE		
Intelligent Slot	USB RS-232 card / option: SNMP card and Modbus card	
OPERATING ENVIRONMENT		
Humidity	0 - 100% RH (No condensing)	
Operating Temperature	- 0 °C to 60 °C	
Altitude	0-1000m	



- Advanced DSP control technologies delivers accurate data
- Smart independent MPPT's to enhance overall efficiency
- Up to 96% high conversion rate
- Modulized design for easy maintenance
- Industrial - grade components used for robust operation
- Data log up to 15 years
- IP 65 protection for outdoor and harsh environment
- 5 year product warranty
- Free monitoring software
- DC reverse -polarity protection
- Ground fault monitoring and grid monitoring
- AC short circuit protection

Creating a sustainable
future with solar energy.

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