Tescom®

Uninterruptible Power Supplies

SSPRO Long Run

secure power



Pure sine wave, inline UPS.

Features:

- Pure sine wave output.
- Microprocessor based design with true inline topology.
- Adjustable voltage sensitivity, charging voltage and voltage-transfer points.
- Remaining estimated backup time indication (EBT system on LCD version)
- Smart battery management with intelligent double stage charging control.
- Real time auto-detection for battery condition.
- Automatic restart of load after UPS shutdown.
- Generator compatible.
- “Green power” design with auto on/off function.
- Suitably rated charger for large battery banks.
- Network manageable (SNMP optional).
- RS-232 interface for communication, compatible with all major O.S., Including Windows, Linux, SCO UNIX and DOS.
- Protection for overload, short circuit and over temperature.
- Powerful charger for large battery banks.

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OUTPUT	
Power levels	1100VA/660W; 2200VA/1350W; 3000VA/1800W 5000VA/3500W
Output voltage	200V/220V/230V/240V selectable
Voltage waveform	Sinewave
Crest factor	3 - 1
Output frequency (synchronized to mains)	Auto select for 50/60HZ; 47HZ-55HZ nominal
Regulation (nominal)	±5% typical of nominal voltage
Regulation (battery made)	±3% typical of selected voltage (adjustable with the remote set-up software)
Over current protection	Overload alarm level 100%-120%, overload shutdown level 120% - 190% (adjustable with the remote set-up software)
INPUT	
Nominal voltage	200V/220V/230V/240V selectable
Input frequency	47HZ - 65HZ auto-sensing
Efficiency	79% (normal mode)
Noise filtering	Full time EMI/RFI filtering
Over current	1100VA - 2200VA by AC fuse 3300VA - 5000VA by resettable over current protector
Voltage range	-20% - +24% for selected nominal voltage -29% - +33% adjustable with the remote set-up software
Surge protection	1100VA - 220 Joules; 2200VA-3300VA - 440 Joules 5000VA - 660 Joules
BATTERY	
Battery type	Lead-Acid 25Ah - 250Ah
Voltage	1100VA - 24VDC; 2200 VA - 48 VDC / 3000VA 72VDC 5000VA 48VDC
Typical backup time	No limit
Charging method	Smart pulse charging with two charge modes. Quick charging when battery is not fully charged, trickle charging when battery is 90% charged.
Charging current	11A at normal line & normal temperature (Average) 5000 - 30A
Average charging voltage per batt.	Quick charge mode - 14V maximum. Trickle charge mode 13.2-13.9V adjustable with the remote set-up software
Protection	Over current protection and over charging voltage protection - (SCR control) Thermal protection - (CPU control) When the temperature inside the UPS is over 45 degrees the charger will stop charging for 2.5 minutes followed by a charging cycle of 1.5 minutes. The cycle will be repeated until the temperature is below 44 degrees.
Monitoring	Smart monitoring and warning for failed battery or open circuit battery. Auto detection each time when power on or every 6 days.

COMMUNICATIONS AND MANAGEMENT	
Standard interface	UPSilon 2000 compatible 1100VA - 5000VA Rs232 + USB
Optional interface	RJ45 (surge protection), DB9, SNMP (external type)
Control panel	LCD
Audible alarm	Alarm on battery - Low battery and battery over voltage Alarm on abnormal operation - Over load, short circuit and overheat
EBT (Estimation of backup time system)	Support for LCD display
Green mode function (Auto shutdown)	1-14% of full load (adjustable with remote set-up software) The default setting is off
Cooling fan control	Auto on/off, controlled by temperature & operation mode
ENVIRONMENT AND SAFETY	
Operating temperature	Up to 1500 meters, 0 - 40 degrees
Transit/storage temperature	-15 - 55 degrees
Relative humidity	5 - 95% non condensing
Operating altitude	0 - 3000 meters
Audible noise	50 dBA (at 1m from surface of the unit)
Safety marking	CE
EMC	Class B EN50091-2, FCC part15, IEC 1000-2-2
Quality control system	ISO 9001
PHYSICAL	
Dimensions (DxHxW) Unit/shipping	1100VA - 3000VA 45x20x18cm / 54x33x30cm 5000VA 51x20x16cm / 54x33x30cm
Weight Net/Gross (kg)	1100VA 15/16 (kg) 5000VA 35/40 (kg) 2200VA 19/20 (kg) 3000VA 23/24 (kg)
Packing	Export carton for each unit, 16-30 units per pallet

* Due to continuous product improvements specifications are subject to change without further notice.

Accessories

Net agent II : SNMP (int. card or ext. With adapter)
RM2000 : Remote monitoring panel

All products are manufactured to the following standards: