ComX Computers
Product Specification Sheet

KS-UB30

Kstar Online Series - 3000VA Online Tower UPS

Product Overview

Kstar Online Series - 3000VA Online Tower UPS - USB, 1x SA Power Socket (Requires Multiplug), 2x Programmable Outlets, 6x 9Ah Batteries





Specifications

Overview:

UB Series is small power UPS of KSTAR, the output factor is 0.9, and power range is from 1kVA to 3kVA. When UPS is on battery mode, it can shut down unnecessary load and extend the backup time of the critical load

Features:

- True double-conversion
- Digital control guarantees high reliability
- ECO mode operation for energy saving
- Output receptacle control for non-critical load shedding capability
- Emergency power off function(EPO)
- Generator compatible
- Communications:RS-232,USB,SNMP card(Optional), Relay card (Optional)
- Bypass can be used when UPS is off(Setted in LCD)
- Cold start

Specifications:

DETAILS	
MODEL	UB30
Capacity (VA/Watts)	3000VA/2700W
INPUT	
Nominal	208/ 220/230/240Vac(L+N+PE)
Operating Voltage Range	110~300Vac @(0~60%) Load;120~300Vac @(60~70%)Load, 140~300Vac @(70~80%)Load;
	160~300Vac @(80~100%)Load

Operating Frequency Range	50Hz: 45~55Hz, 60Hz: 55-65Hz Auto Sensing
Power Factor	> 0.85@25%Load;>0.95 @50%Load;>0.97@75%Load;>0.99 @ Nominal voltage& 100%Load
OUTPUT	
Output Voltage	208/220/230/240Vac:230Vac(Default)
Power Factor	0.9
Voltage Regulation	+/-1%
Frequency	Synchronized Range: 45-55Hz +/-0.02Hz@ 50Hz, 55-65Hz +/-0.02Hz@60Hz
	Battery Mode & None Synchronized Range: (50/60+/-0.02)Hz
Crest Factor	3::1
Harmonic Distortion (THDv)	<=3% with linear load
	<=5% with non-linear load
Waveform	Pure Sinewave
Transfer Time	Utility to Battery : 0ms; Utility to Bypass: 4ms(Typical)
EFFICIENCY	
AC Mode	0.9
Battery Mode	0.87
ECO Mode	>94%
BATTERY	
Battery Type	12V/7AH
Numbers	8
Maximum Charging Current (A)	1
Charging Voltage(Vdc)	109.6V+/-1%
Protect	Over-voltage(14.7v) /Low-voltage(10v)
PROTECTION	
Overload	Line Mode: 105%-150%, 30s turn to bypass mode ; >150% 300ms turn to bypass mode
Capacity	Battery Mode: 105%-150%, exceed 30s shutdown ; >150% exceed 300ms shutdown
INDICATORS	
LED & LCD Display	Load/Battery/Input/Output/Operating Mode Information
ALARM	
Battery Mode	Sounding every 4 seconds
Battery Low	Sounding every second
Overload	Sounding every 0.5 second
Fault	Continuously Sounding
MANAGEMENT	
Smart RS-232/USB (Preferential)	External Modbus card supported by RS232, Software supports Windows Family, Linus, FreeBSD
Intelligent Slot	SNMP (Standard or mini) independent to RS-232(Optional)

ENVIRONMENT	
Operating Temperature	0 degreesC~40 degreesC
Humidity Range	0~95% (Non-condensing)
Altitude	< 1500m
Noise Level	
PHYSICAL	
Dimension	191x468x337
Net Weight (kg)	27.4
STANDARDS	
Safety	IEC/EN62040-1
EMC	IEC/EN62040-2

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/KS-UB30-Kstar-Online-Series-3000VA-Online-Tower-UPS-p-169743.php

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