

LINE INTERACTIVE UPS

UPS NT-AK650-DA



Uinterruptible power supply offline ups for office Appliances NT-AK650-DA series ups will continue proving clean and stable power to connected equipment while its embedded microprocessor controller guarantees high reliability perfect for any home or samll office application, like the PC, router, modemetc...

Functions:

- Intelligent CPU control
- Auto restart while AC is recovering
- Boost and buck AVR for voltage stabilization
- Cold start function
- Off-mode charging
- Optional USB or RS-232 communication port, RJ11 or RJ45





TECHNICAL SPECIFICATION

Voltage	Model		NT-AK650-DA
Voltage range	Capacity		650VA/390W
Frequency 60/50 Hz(Auto sensing)	INPUT	Voltage	110V/120 VAC or 220/230/240 VAC
Voltage		Voltage range	81-145VAC or 145-275 VAC
OUTPUT Frequency range (battery mode) 60/50 ± 1Hz		Frequency	60/50 Hz(Auto sensing)
OUTPUT Frequency range (battery mode) Transfer time Wave form (battery mode) Compatible with generator BATTERY Battery model & Quantity Charge time ### Charge time LCD display LCD Battery mode Ac mode, Battery mode, Load level, Battery level, Input voltage, Overload and low battery Line mode Battery mode Battery mode LCD display LCD Line mode Battery charge mode Yellow lighting Battery mode Low battery Sounding every 4 seconds Low battery Sounding every 4 seconds Low battery Sounding every second Overload Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Port(optional) USB/R232 Humidity Noise Level Dimension(mm) J20/90 RH @ 0-40°C(Non-condensing) Low battery Dimension(mm) J20/90 RH @ 0-40°C(Non-condensing)	OUTPUT	Voltage	110/120 VAC or 220/230/240 VAC
OUTPUT Transfer time		Voltage range	±10%
Wave form (battery mode) Compatible with generator Battery model & Quantity Charge time Battery mode, & Bours recover to 90% capacity Full protection: Discharge, Short circuit and overload protection AC mode, Battery mode, Load level, Battery level, Input voltage, Overload and low battery Line mode Battery mode Sounding every 4 seconds Low battery Sounding every 4 second Low battery Sounding every second Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Humidity Noise Level Dimension(mm) Simulated sine wave Simulated sine wave Sutport frequency range of the generator within 40-70HZ 12V/7AH X 1 12			60/50 ± 1Hz
(battery mode) Compatible with generator Compatible with generator Battery model & Quantity Charge time ENVIRONMENT (battery mode) Compatible with generator Compatible with generator Compatible with generator AUtput frequency range of the generator within 40-70HZ Battery model & 12V/7AH X 1 2V/7AH X 1 2V/7AH X 1 Battery mode capacity Full protection: Discharge, Short circuit and overload protection AC mode, Battery mode, Load level, Battery level, Input voltage. Output voltage, Overload and low battery Line mode Green lighting Battery mode Red lighting Battery charge mode Yellow lighting Battery mode Sounding every 4 seconds Low battery Overload Sounding every second Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Humidity 0-90% RH @ 0-40°C(Non-condensing) Noise Level Less than 40dB Dimension(mm) 320x90x140		Transfer time	4-6ms
BATTERY Battery model & Quantity Charge time B hours recover to 90% capacity Full protection: Discharge, Short circuit and overload protection AC mode, Battery mode, Load level, Battery level, Input voltage, Overload and low battery Line mode Battery mode Battery mode Battery charge mode Yellow lighting Battery mode Low battery Sounding every 4 seconds Low battery Overload Fault Continuously sounding/ LCD INTERFACE Buttery mode USB/R232 Port(optional) USB/R232 Humidity Noise Level Dimension(mm) 12V/7AH X 1 12			Simulated sine wave
BATTERY Quantity Charge time 8 hours recover to 90% capacity Full protection: Discharge, Short circuit and overload protection AC mode, Battery mode, Load level, Battery level, Input voltage. Output voltage, Overload and low battery Line mode Battery mode Battery mode Battery charge mode Yellow lighting Battery mode Low battery Sounding every 4 seconds Low battery Overload Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Humidity Noise Level Dimension(mm) 320x90x140			
Full protection: Discharge, Short circuit and overload protection AC mode, Battery mode, Load level, Battery level, Input voltage. Output voltage, Overload and low battery Line mode Green lighting Battery mode Red lighting Battery charge mode Yellow lighting Battery mode Sounding every 4 seconds Low battery Sounding every second Overload Sounding every second Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Port(optional) USB/R232 Humidity 0-90% RH @ 0-40°C(Non-condensing) Noise Level Less than 40dB Dimension(mm) 320x90x140	BATTERY	Quantity	12V/7AH X 1
INDICATORS LCD display LCD AC mode, Battery mode, Load level, Battery level, Input voltage. Output voltage, Overload and low battery Line mode Battery mode Battery mode Battery charge mode Battery mode Battery mode Battery mode Battery mode Battery charge mode Yellow lighting Battery mode Low battery Sounding every 4 seconds Low battery Overload Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Port(optional) USB/R232 Humidity Noise Level Dimension(mm) JESS Hattery mode, Load level, Battery level, Battery mode, Load level, Battery level, Input voltage, Overload and low battery Ivoltage. Output voltage. Output voltage, Overload and low battery Sounding Sounding every 4 seconds Continuously sounding/ LCD Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Less than 40dB Dimension(mm) J20x90x140		Charge time	8 hours recover to 90% capacity
INDICATORS Line mode Entering mode Battery mode Sounding every 4 seconds Low battery Sounding every second Coverload Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Port(optional) USB/R232 Humidity O-90% RH @ 0-40°C(Non-condensing) Noise Level Dimension(mm) Dimension(mm) Displace Linux, Unix, and MAC Less than 40dB Dimension(mm) 1 Less than 40dB	PROTECTION		
ENVIRONMENT Line mode Battery mode Battery mode Battery charge mode Battery charge mode Ped lighting Red lighting Yellow lighting Sounding every 4 seconds Sounding every 9 second Sounding every 9 second Sounding every 9 second Fault Continuously sounding/ LCD Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Linux, Unix, and MAC Noise Level Dimension(mm) Less than 40dB Dimension(mm) Jernard Green lighting Red lighting Support windows Jernard MAC Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Less than 40dB Dimension(mm) Jernard Green lighting Red lighting Sounding Sounding every 9 second Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Less than 40dB Dimension(mm) Jernard Green lighting Sounding Sounding every 4 seconds Sounding every 5 second Continuously sounding/LCD Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Sounding every 5 second Sounding every 6 second 6 seconds Sounding every 6 second 6 seco	INDICATORS	LCD display LCD	level, Input voltage. Output voltage, Overload
Battery charge mode Yellow lighting Battery mode Sounding every 4 seconds Low battery Sounding every second Overload Sounding every second Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Port(optional) USB/R232 Humidity 0-90% RH @ 0-40°C(Non-condensing) Noise Level Less than 40dB Dimension(mm) 320x90x140		Line mode	Green lighting
ALARM Battery mode Low battery Sounding every 4 seconds Low battery Sounding every second Overload Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Humidity O-90% RH @ 0-40°C(Non-condensing) Noise Level Dimension(mm) Sounding every 4 seconds Sounding every 8 cond Sounding every 9 cond Sounding e		Battery mode	Red lighting
ALARM Low battery Overload Sounding every second Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Fund to provide the second Sounding every second Sounding every second Fault Continuously sounding/ LCD Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Humidity O-90% RH @ 0-40°C(Non-condensing) Noise Level Less than 40dB Dimension(mm) 320x90x140		Battery charge mode	Yellow lighting
Overload Fault Continuously sounding/ LCD USB/R232 Port(optional) USB/R232 Fort(optional) USB/R232 Humidity Voise Level Dimension(mm) Overload Sounding every second Continuously sounding/ LCD Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC USB/R232 Less than 40dB Dimension(mm) 320x90x140	ALARM	Battery mode	Sounding every 4 seconds
Overload Sounding every second Fault Continuously sounding/ LCD USB/R232 Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC ENVIRONMENT Humidity 0-90% RH @ 0-40°C(Non-condensing) Noise Level Less than 40dB Dimension(mm) 320x90x140		Low battery	Sounding every second
INTERFACE USB/R232 Port(optional) USB/R232 Humidity Noise Level Dimension(mm) USB/R232 Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC Linux, Unix, and MAC 0-90% RH @ 0-40°C(Non-condensing) 10		Overload	Sounding every second
INTERFACE Port(optional) USB/R232 Humidity Noise Level Dimension(mm) Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC 0-90% RH @ 0-40°C(Non-condensing) Less than 40dB Dimension(mm) 320x90x140		Fault	Continuously sounding/ LCD
ENVIRONMENT Noise Level Less than 40dB Dimension(mm) 320x90x140	INTERFACE	Port(optional)	· ·
ENVIRONMENT Noise Level Less than 40dB Dimension(mm) 320x90x140		Humidity	0-90% RH @ 0-40°C(Non-condensing)
ENVIRONMENT Dimension(mm) 320x90x140		Noise Level	Less than 40dB
	ENVIRONMENT		320x90x140
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