

# UPO33-HFAX 20 kVA Online UPS



## Features

- 2.4" color monitor supports up to 9 languages
- Parallel Redundancy up to 4 units
- Wide Input Voltage and Frequency
- Unity Power Factor and Low Input Distortion
- Output Power Factor at 1.0
- ECO Mode for Energy Saving
- Programmable battery voltage from +/-96Vdc to +/-144Vdc
- Built-in Batteries makes UPS ready to Use
- Highest Efficiency up to 94%
- 3-level Intelligent Charge Modes with Smart
- Charge Current Adjustment
- Powerful Charger up to 20A
- Versatile Communication Interfaces Provided for different applications
- Superior Overload Capability
- Programmable Control and Monitoring
- Software via RS232 port
- Emergency Power Off
- DC Start



The UPO33-HF AX series with parallel redundancy in line, and the smallest cabinet, with built-in batteries. It is an ideal solution for the budget of your server, banks, industrial equipment, internet data center, telecommunications, IT equipment and other mission critical applications.



# UPO33-HFAX

20 kVA

Critical load **solutions**  
and corporate **applications**

Model	UPO33-20HFAX
<b>Capacity</b>	20kVA /20kW
<b>Input</b>	
Voltage range	72 /150 VAC
Frequency range	40 - 70 Hz
Power factor	0,99
<b>Output</b>	
Output voltage	208/120V or 220/127V
AC voltage regulation	+/-1%
Frequency range (Battery mode)	50/60 Hz +/-0.1 Hz
Crest factor	3:1 max
Overload	100% 60 min / 125% 10 min / 150%: 4 min
Harmonic distortion	</= 1% THD (linear load)
Transfer time	0 ms
Wave mode	Pure sinewave
<b>Efficiency</b>	
Mode AC	Up to 94%
<b>Battery</b>	
Type/Quantity	12Vdc/9Ah 3x20 pcs
Recharge time	4 hours to 90%
Charge current	4A
Load Voltage	±135Vdc +/-1%
Standby time	100% 8 min
<b>Physical</b>	
Dimensions	250 x 868 x 900 mm
Net weight (Kg)	239
<b>Environment</b>	
Humidity	0 ~ 95% RH @ 0-40°C (non condensation)
Noise level	Less than 58dBA @ 1 meter
<b>Control</b>	
Communication	USB, RS485, Parallel port, Coupler dry contact, Battery temperature sensor, Intelligent slot for optional SNMP card, Relay card
Safety	UL 1778, IEC/EN 62040-1, IEC/EN 60950-1
EMC	FCC Part 15:2015, IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8
Conformance	NOM, ISO9001, ISO14001, CIDET, CE, Energy Star, UL1778, FCC

Specifications are subject to change without notice

## Committed to safety and quality in our equipment



CDP COLOMBIA  
colombia@cdpups.com



CDP GUATEMALA  
guatemala@cdpups.com



CDP PERÚ  
peru@cdpups.com



CDP USA  
usa@cdpups.com



CDP ECUADOR  
ecuador@cdpups.com



CDP CHINA  
china@cdpups.com



CDP COSTA RICA  
costarica@cdpups.com



CDP VENEZUELA  
venezuela@cdpups.com



CDP HONG KONG  
hongkong@cdpups.com



CDP MÉXICO  
mexico@cdpups.com

