

UPO33-HFAX 20kVA Online UPS



Features

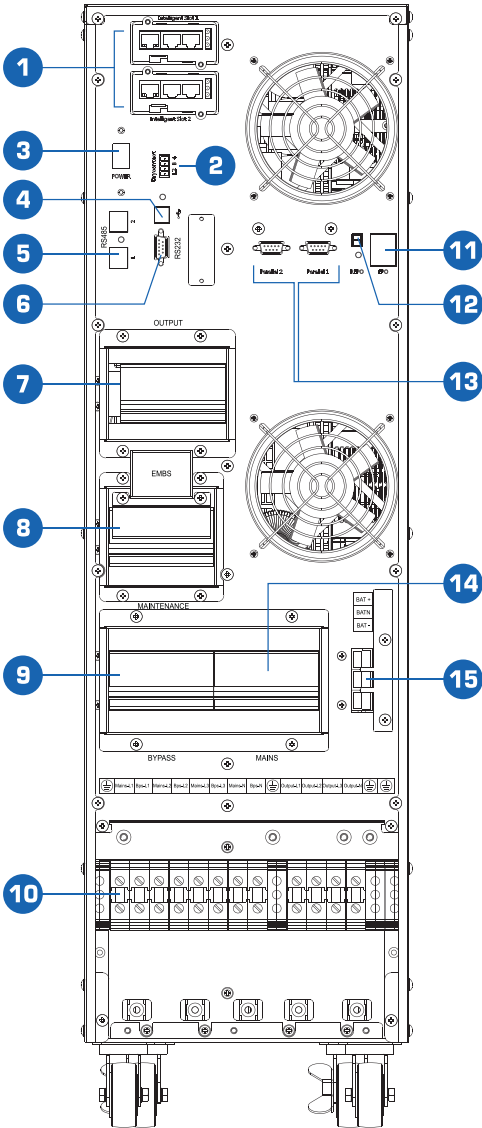
- 7" color monitor supports up to 9 languages
- Parallel redundancy up to 4 units
- Wide input voltage and frequency
- Unity power factor and low input distortion
- Power factor 1.0
- ECO mode for energy saving.
- Programmable battery voltage from +/-96Vdc to +/-144Vdc.
- Built-in batteries makes UPS 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.
- DSP processor.
- Static and manual bypass.

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

20kVA



Rear View		
(1) Intelligent Slot 1-2 (SNMP card/ Relay card)	(6) RS232	(11) EPO switch
(2) Dry contact port	(7) O/P Switch	(12) REPO port
(3) Power Switch	(8) Maintenance switch & its cover	(13) Parallel port 1/2
(4) USB port	(9) Bypass Switch	(14) I/P Switch
(5) RS485 port	(10) Terminal block for Input, output & GND	(15) Terminal block for battery

Model	UPO33-20HFAX
Capacity	20kVA /20kW
Input	
Voltage range	125 / 260 VAC
Frequency range	40 - 70 Hz
Power factor	0,99
Output	
Output voltage	208/120V or 220/127V
AC voltage regulation	+/-1%
Frequency range	50/60 Hz +/-0.1 Hz (Battery mode)
Crest factor	3:1 max
Overload	110% 60 min / 125% 10 min / 150%: 1 min
Harmonic distortion	</= 1% THD (linear load)
Transfer time	0 ms
Wave mode	Pure sinewave
Power factor	1
Efficiency	
Mode AC	Up to 94%
Battery	
Type/Quantity	12V/9Ah 3x20 pcs
Recharge time	4 hours to 90%
Charge current	4A
Load Voltage	±135Vdc +/-1%
Standby time	100% 8 min
Physical	
Dimensions (mm)	250 long x 868 high x 900 deep
Net weight (Kg)	239
Environment	
Humidity	0 ~ 95% RH @ 0-40°C (non condensation)
Noise level	Less than 58dBA @ 1 meter
Control	
Communication	USB, Modbus RS485, Parallel port, Coupler dry contact, Battery temperature sensor, Intelligent slot for optional SNMP card, Relay card
Conformance	NOM, ISO9001, ISO14001, CIDET, CE, Energy Star, UL1778, FCC IEC/EN 62040-1, IEC/EN62040-2, IEC/EN 60950-1, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8

Specifications are subject to change without notice

Committed to safety and quality in our equipment

