

# AsiaPower UPS - APHF-10k31

## Power Backup + Protection

Give Protection from Power impurities.  
Save your work & equipment when Power goes.



True on-line technology provides all power protection  
Input Power factor correction  
Pure sine-wave output with less than 2% THD  
Fully digitized microprocessor controlled  
Cold start function (DC power on)  
Battery replacement warning  
Schedule shutdown & reboot

Emergency Power Off function  
LCD display front panel  
Optional SNMP Card slot  
Wide input voltage range  
Manual bypass setting  
Free run mode setting  
Support USB communication

Short Circuit and overload protection  
Advanced battery management (ABM)  
Automatic battery charge in UPS off mode  
Automatic diagnostics & battery check  
History record of power failure events  
VIEWPOWER plus software monitoring  
Extended back up time with battery pack  
Fan speed auto control when loads varies

Model		APHF-10k31
Capacity		10KVA/8KW
Input	Voltage / Load	380V, 400V, 415V (3Ø, 5 Wires)
	Voltage Range/Load	Voltage Range 208-241V 242-276V 277-311V 312-478V
Output	Frequency & PFC	50 / 60 Hz Auto Sensing, PF > 0.99 on 100% load
	Voltage on battery	208V, 220V, 230V, 240V ± 2% (Selectable Output Voltage)
	Frequency on battery	50 / 60 Hz ± 0.5%
	Transfer Time	0 ms
	Overload Recovery	Auto Transfer to UPS
	High Efficiency Mode	> 89% (AC to AC)
	UPS Design Technology	On-line / Fully digitized microprocessor controlled
	Output Waveform	Sinewave
Protection	Harmonic distortion	< 2% of THD at linear load, < 5% of THD at non linear load,
	Crest Factor	3:1
System	Surge Protection	IEC61000-4-5 level 3
	Overload Protection	125% for 1 min & 150% for 10 sec, 130% for 10 sec & 150% for 1.5 sec (on battery)
	Short Circuit Protection	UPS output cut-off immediately or input fuse / circuit breaker protection
Display / Warning	Visual Display (LCD model)	IP/OP volt., IP/OP freq. On-line mode, backup mode, battery capacity, load level
Battery	Audible Alarm	Beep every 5 sec (battery back-up)
	UPS Fault	Continuous Beeping Sound and LCD display
	Communication	RS-232 serial port and USB
	Type / DC Voltage (V)	Sealed, maintenance free lead acid batteries / 240V DC Bus
	Typical Recharging time	6 hours (to 90% full capacity)
	Battery Protection	Cut off without draining and current when battery is low
Physical	Cold Start (DC start)	Yes
	Charging current	4A
	Input Inlet / Receptacles	Hardwire / Hardwire
	Tower Dimension - mm	200 x 592 x 576
Environment	Net. Wt. Kgs.	30.0
	Operating Temperature	0-40°C
	Storage Temperature	-20 ~ 50°C
	Audible Noise	< 55 dBA (1 meter from surface)
Relative Humidity	0 ~ 95% humidity, non-conditioning	

Specification subject to change without prior intimation

# AsiaPower

keeping your technology alive

UPS with Built in Battery - Plug & Play - 1 year warranty