



UPS

Uninterruptible
Power Supply



HP2317C

Series High Frequency Online UPS

3 PHASE IN 1 PHASE OUT, PF:1.0

10KVA-15KVA-20KVA

◆ Performance Characteristics

- True double conversion
- Microprocessor control optimizes reliability
- DSP technology guarantees high performance
- Sinus shaped power feed (high-frequency pulse width modulation with IGBTs)
- Input power factor correction
- Output power factor 1.0
- Extremely wide input voltage window of 110 VAC to 300 VAC
- High efficiency up to 95.5%
- 50Hz/60Hz frequency converter mode
- ECO and frequency operating voltage possibilities
- Emergency power off(EPO)function
- Graphic LCD display with interactive multilingual user interface
- Adjustable battery numbers
- Adjustable charging mode with two stages or three stages
- Charger capacity expansion to 12A for long-run models
- Cold start by battery without grid input
- Smart battery charger design to optimize battery performance
- Generator compatible
- Extension slot for SNMP, potential-free contacts, remote panel
- Optional N+X parallel redundancy and performance increase
- Optional manual maintenance bypass switch

◆ Applied Range

IT Network Equipment, Small-scale Servers and Workstations, Switches and Monitoring Devices, ATM Machines, Automated Ticket Vending Machines, Communication Base Stations, Office and Business

◆ Series Overview

HP2317C series has an output power factor of up to 1.0, which is 25% higher than that of traditional UPS systems. The efficiency is significantly improved when operating in both normal mode and energy-saving ECO mode. It comes standard with USB and RS232 communication interfaces, and has built-in intelligent slots for additional adapters, protocol converters, and related dry contact cards.

◆ Range of applications



**Medical
Equipment**



**Office
Automation**



**Production
Equipment**



**Securities
System**



**Electronic
& Telecom**



**Aeronautics
& Astronautics**



**Army
Technology**



**Industrial
Automatic Control**

◆ Features:

- DSP Technology
 - Environment Friendly
 - Active input power factor correction(PFC)
 - Wide range of input voltage and frequency
 - Zero power switch delay
 - Adaptive Load Management
 - Sufficient Expansion Slots
- Support the generator

◆ Technical Specification

Model		HP2317C 10KVA XL	HP2317C 15KVA XL	HP2317C 20KVA XL
Capacity(VA/W)		10KVA/10KW	15KVA/15KW	20KVA/20KW
Battery Voltage		192Vdc input		
Size (WxDxHmm)		595×190×340		
Net Weight (Kg)		18 Kg		19 Kg
Input	Input Format	L1-L2-L3, N, PE		
	Rated Voltage	360/380/395/415Vac		
	Voltage Range	190-520Vac		
	Frequency Range	50/60±6Hz(Default) ±6Hz(Settable)		
	Power Factor	≥0.94		
	Harmonic Distortion(THDi)	≤28% THD (Linear Load) ≤30% THD (Non-linear Load Pf=0.7)		
Output	Output Format	L-N-PE		
	Rated Voltage	220Vac (208/220/230/240Vac Adjustable)		
	AC Voltage Regulation	±1%		
	Frequency Range	AC Mode: same as AC Battery Mode: 50/60Hz±1%		
	Harmonic Distortion(THDi)	≤3% THD (Linear Load) ≤5% THD (Non-linear Load)		
	Power Factor	Pf =1.0		
	Overload Capacity	Battery Mode:		
		10min@102%~110% load		
		1min@110%~130% load		
		10s@130%~150% load		
		200ms@>150% load		
		Pure Sine Wave		
Transfer Time	AC Mode to battery Mode	0ms		
	Inverter to Bypass	0ms		
Efficiency	AC Mode to battery Mode	Maximum efficiency96.5% Full load efficiency 96%		
	Inverter to Bypass	Maximum efficiency94.5% Full load efficiency 94%		
Battery	AC Mode to battery Mode	Depending on applications		
	Inverter to Bypass	16		
	AC Mode to battery Mode	AC Mode to 5A(Default) 1-12A(Adjustable)Mode		
	Inverter to Bypass	Two-stage / Three-stage charging		
Display	LCD Display	Working mode/load/input/output		
Environment	Operation Temperature	0~40°C		
	Storage Temperature	-15~60°C (Battery:0~40°C)		
	Relative Humidity	20%~95%(No condensation)		
	Altitude	≤1000m		
	Noise	<45dB@1 Meter		
Management	RS232/USB	Windows 2000/2003/XP/Vista/2008/7/8/10 Linux and MAC		
	Optional SNMP	Power management from SNMP manager and web browser		

**If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.
Product specifications are subject to change without further notice.