



UPS

Uninterruptible
Power Supply



HP2337C

Series High Frequency Online UPS

10KVA-60KVA 3:3 PF:1.0

380VAC/400VAC/415VAC



● Series Overview

HP2337C Series UPS 3-Phase High Frequency Online UPS leverages pure double conversion with DSP control to deliver unity power factor performance. Full-phase active PFC and ECO mode ensure green efficient operation while parallel capability for up to 4 units with shared battery support dual AC input and flexible battery configurations accommodate extended runtime demands. Integrated EPO maintenance bypass and 3-stage smart charging combined with a 4.3-inch touchscreen and multi-protocol communication provide a compact reliable and intelligent power protection solution for critical applications in industrial automation precision medical equipment and data centers.

◆ Features:

- Pure Double Conversion Technology
- DSP Technology for High Performance
- Unity Output Power Factor (1.0)
- Full-Phase Active Power Factor Correction
- Emergency Power Off (EPO)
- Maintenance Bypass
- Parallel Operation Capability (Up to 4 Units)
- Shared Battery Pack in Parallel Configuration
- Optional Dual AC Input
- Adjustable Battery Configuration for Extended Runtime
- 3-Stage Charging Design for Battery Optimization
- ECO Mode for Energy Efficiency
- 50 Hz / 60 Hz Frequency Conversion Mode
- 4.3-inch LCD Touchscreen Display
- Multiple Communication Interfaces (USB/RS-232/RS-485/SNMP)

◆ Range of applications



**Medical
Equipment**



**Office
Automation**



**Production
Equipment**



**Securities
System**



**Electronic
& Telecom**



**Aeronautics
& Astronautics**



**Army
Technology**



**Industrial
Automatic Control**

◆ Technical Specification

MODEL		HP2337C						
Phase		3-phase in /3-phase out						
Capacity (VA/W)		10KVA/10KW	20KVA/20KW	30KVA/30KW	40KVA/40KW	60KVA/60KW	10KVA/10KW	20KVA/20KW
Battery	Battery Voltage	±96VDC(±108 /±120)	±192VDC (±204/±216/±228/±240)				±120VDC	±192VDC
	Battery Numbers option	16 (18/20) pcs	32 (34/36/38/40) pcs				20 pcs	32 pcs
	Overload Capability	100%-110% for 60 Mins, 111%-125% for 10 Mins, 126%-150% for 1 Min, >150% Immediately bypass.						
	Battery Capacity	Depending on Applications					12V9Ah	
	Charging Current	1A~12A(Adjustable)					1A	2A
Input	Nominal Voltage	380VAC(360/400/415VAC) (3P+N+PE)						
	Voltage Range	110-300VAC at 50% Load: 176-276VAC at 100% Load						
	Frequency Range	50Hz / 60Hz (40~70 Hz)						
	Power Factor	≥0.99 at 100% Load						
	Harmonic Distortion (THDI)	<4% at Full Linear Load						
	Bypass Voltage Range	Bypass Voltage Lower Limit: 231V~264V; Bypass Voltage Upper Limit: 176V~209V						
Output	Nominal Voltage	380VAC (360/400/415VAC) (3P+N+PE)						
	AC Voltage Regulation (Batt. Mode)	±1%						
	Frequency Range (Synchronized Range)	50Hz / 60 Hz ±1%						
	Overall Efficiency	95.50%						
	Current Crest Ratio	3:1 (max)						
	Harmonic Distortion	≤2% THD(Linear Load) ≤5% THD (Non-linear Load)						
	Power Factor	1						
	Screen Size	4.3-inch LCD Touch Screen						
Display	LCD Display	Pure Sine Wave						
	Wave Form	UPS Status Load Percentage Battery Level Current and Voltage Input/Output Voltage and Battery Parameters Discharge Time and Fault Information						
Transfer Time	AC Mode to Batt Mode	0ms						
	Inverter to Bypass	0ms						
System	Parallel Capability	4 pcs						
	Protection Functions	Battery Under-Voltage Output Over-Voltage and Under-Voltage Short Circuit Overload Over-Temperature and Fan Failure Alarm						
	Communication Interface	Standard RS-232/RS-485/USB						
	Optional Accessories	SNMP Card/WiFi/GPRS						
Environment	Operation Temperature	0~40°C						
	Storage Temperature	25~55°C						
	Relative Humidity	20%~95% (No condensation)						
	Altitude	≤1500m						
	Noise	<65dB @ 1 Meter			<75dB @ 1 Meter		<65dB @ 1 Meter	
Management	RS232/USB	Windows 2000/2003/XP/Vista/2008/7/8/10 Linux and MAC						
	Optional SNMP							
Size W*D*H mm		250*695*545				250*828*863		
Net Weight (Kg)		37	40	55	46	74	93	125

**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.