



UPS

Uninterruptible
Power
Supply



High Frequency Online UPS

HP3116C PLUS 6KT XL - 10KT XL
Single-phase grounding

• Range of applications



**Medical
Equipment**



**Office
Automation**



**Production
Equipment**



**Securities
System**



**Electronic
& Telecom**



**Aeronautics
& Astronautics**



**Army
Technology**



**Industrial
Automatic Control**

● Features:

- 1-12A adjustable charging current.
- The output power factor can reach 1.0.
- Output voltage 208V 220V 230V 240V are adjustable.
- Pure sine wave output, online zero conversion time.
- Wide input frequency range, adjustable from 50/60±6 Hz.
- With output short-circuit protection and overload protection.
- The new topology is better for noise and surge protection.
- Using LCD display screen, status parameters are clear at a glance.
- RS232 communication interface is applied.
- Double-sided circuit board design for higher safety and reliability.
- The screen can set various of common technical parameters.
- It can be equipped with power monitoring software to enable UPS network and remote monitoring.

● Function

- When connect UPS with AC power. UPS automation Power On.
- When battery low ups shutdown, when AC recovery UPS will automation Power On.
- When Power Off UPS will bypass.

Model Name	HP3116C PLUS 6KT XL	HP3116C PLUS 10KT XL
General		
UPS Topology	Online Double Conversion	
Energy Saving Technology	Online ECO Mode Efficiency	
Active PFC Compatibility	Yes	
Physical		
Form Factor	Tower	
Input		
Generator Compatibility	Yes	
Input Voltage Range (Vac)	110 ~ 300, 110 ~ 176, 276 ~ 300 (power limited)	
Input Frequency (Hz)	50/60±6	
Input Frequency Detection	Yes	
Input Power Factor	≥ 0.99	
Input Connector Type	Hardwire Terminal Block	
Output		
Capacity (KVA)	6	10
Capacity (KW)	6	10
On Battery Waveform	Pure sine wave	
On Battery Voltage(s) (Vac)	220±1% (208, 220, 230, 240)	
Output Voltage Setting	Configurable	
On Battery Frequency (Hz)	50/60±0.1%	
Output Frequency Setting	Configurable	
Power Factor	1	
Overload Protection	Internal Current Limiting, Circuit Breaker, Fuse	
Overload Protection (Line Mode)	102% ~ 110% load: 30min, 110% ~ 130% load: 10min, 130% ~ 150% load: 30s, >150% load 500ms	
Overload Protection (Battery Mode)	102% ~ 110% load: 10 min, 110% ~ 130% load: 1 min, 130% ~ 150% load: 10s, >150% load 500 ms	
Overload Protection (Bypass Mode)	>150% load : Immediately	
Harmonic Distortion (Linear Load)	THD <3% , PF=1.0	
Harmonic Distortion (Non-linear Load)	THD < 5%, PF=0.8	
Outlet(s) - Total	Hardwire Terminal Block * 1	
Outlet Type	Hardwire Terminal Block	
Outlet (s) - Battery & Surge Protected	Hardwire Terminal Block	
Typical Transfer Time (ms)	0	
Battery		
DC Voltage	192/240	
Quantity (Pcs)	16/20	
Charge Current (A)	(1A~12A) Configurable	
Typical Recharge Time (Hours)	Reaches 90% charge within 4 to 6 hours.	
Battery Type	Sealed lead-acid	
Machine Efficiency		
AC mode	Maximum Efficiency 95.5% , full load Efficiency 95%	
DC mode	Maximum Efficiency 95.3% , full load Efficiency 94.8%	
Surge Protection & Filtering		
Surge Suppression (Joules)	660	
EMI/RFI Filtration	Yes	
Management & Communications		
LCD Panel	Load, battery capacity, mains mode, battery mode, bypass mode, fault indication	
HID Compliant USB Port(s)	1	
Serial Port	RS232	
Emergency Power Off (EPO) Port	YES	
Power Management Software	YES	
SNMP/HTTP Remote Monitoring	Yes-with option card SNMP	
Physical Size - UPS Module		
UPS Dimensions (D*W*H) (mm.)	390*190*317 ± 2%	395*190*317 ± 2%
UPS Weight (kg.)	9 ±2%	9.8 ± 2%
Environmental		
Operating Temperature (độ C)	Temperature 0-40°C (non-condensing)	
Operating Relative Humidity (Non-condensing) (%)	20-90% relative humidity	
Certifications		
Certifications*	CE-EMC, CE-LVD, EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc	