

SOLUTIONS BY



MISSION CRITICAL FACILITIES  
DESIGN AND CONSTRUCTION

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• 1 Year Warranty •



## Uninterruptible Power Supply (UPS)

### 3 Phase Low Frequency UPS

#### Features

- Used for data management equipment and system, automatic control systems
- Have static bypass, repair bypass and battery maintain bypass
- Adopt Twin Change Online Technology, Sequester Extraneous Interference
- Favourable Overload Ability and Protection
- Design with 100% Unbalance Protection
- 100% Non Linear Load Ability
- IGBT, PWM Inverter Together with Digital
- Comes with one year warranty include labour and parts



### Standard Unit Specifications and Technical

Product Series		HP9116-C 6KT	HP9116-C 6KT-XL	HP9116-C 10KT	HP9116-C 10KT-XL	HP9316-C 10KT-XL	HP9316-C 15KT-XL	HP9316-C 20KT-XL	
Model		6kVA/ 4.2kW		10kVA/ 7kW			15kVA/10.5kW	15kVA/10.5kW	
Capacity	VA/W	1000VA/700W		2000VA/1400W			3000VA/2100W		
Input	Nominal Voltage	220VAC/ 230VAC/240VAC					380VAC		
	Voltage Range	176VAC-276VAC					304VAC- 478VAC		
	Frequency Range	50Hz: 46Hz-54Hz; 60Hz:56Hz-64Hz							
	Phase	Single Phase				Three Phase (4 Wires + Ground)			
	Power Factor	0.98				0.95			
	Connection	Hardwired							
Output	Voltage	220/230/240 x (1±2%)							
	Frequency	Synchronized Range (Line Mode); 50 or 60 x (1±0.1%)Hz (Battery Mode)							
	Phase	Single Phase				Three Phase (4 Wires + Ground)			
	Waveform	Sinewave							
	Power Factor	0.7 or 0.8							
	Voltage Distortion	2% THD (Linear Load); 6% THD (Non Linear Load)							
	Overload Capability	105%- 130% for 10 Min, ≥130% for 1s							
	Current Crest Ratio	3:1 Max							
	Connection	Hardwired							
Battery	Type	Seal Maintenance Free, Load-Acid							
	Nominal DC Voltage	240VDC							
	Quantity	20 Pieces		Depends on Requested Back up Time					
	Backup Time(Full Load)	7 Min	5 Min	Depends on the Capacity of the External Batteries Bank					
	Recharge Time	Depends on the Capacity of the External Batteries Bank							
	Connection	External Battery Socket				Hardwired			
Transfer Time		0 Ms							
Maintenance Bypass		Yes							
Indicator	LCD Display	UPS Status, I/P & O/P Voltage & Frequency, Battery Voltage, Battery Capacity, Loading, Temperature, History Record							
	Bypass	Alarms Beeps Every Two Seconds							
	Battery Discharge	Alarms Beeps Every Four Seconds, Every Second if Battery Low							
	Overload	Alarms Beeps Two For Every Seconds							
	Faults	Alarms Beep Continuously							
Acoustic Noise		≤ 55dB (At 1 Meter Distance)							
Communication	DB-9 Port	Options:							
	Intelligent Slot	Options: SNMP Cards, AS400 Card or Winpower CMC							
Environmental	Operating Temperature	0°C- 40°C							
	Operating Humidity	20%- 90% Non-Condensing							
Weight	Net(Kg)	78	81	32.5	42.5	43	58	58	
Dimension Package	W x D x H (mm)	445 x 710 x 940							

\*Specification subjects to change without prior notice