

# HP9116C Series

## High Frequency Online UPS

1-3KVA (1Ph in/1Ph out)



### ► Product snapshot:

Model: 1-3KVA

Nominal voltage: 208/220/230/240VAC

Nominal frequency: 50/60Hz

Output Power factor: 0.7/0.8 (Optional)

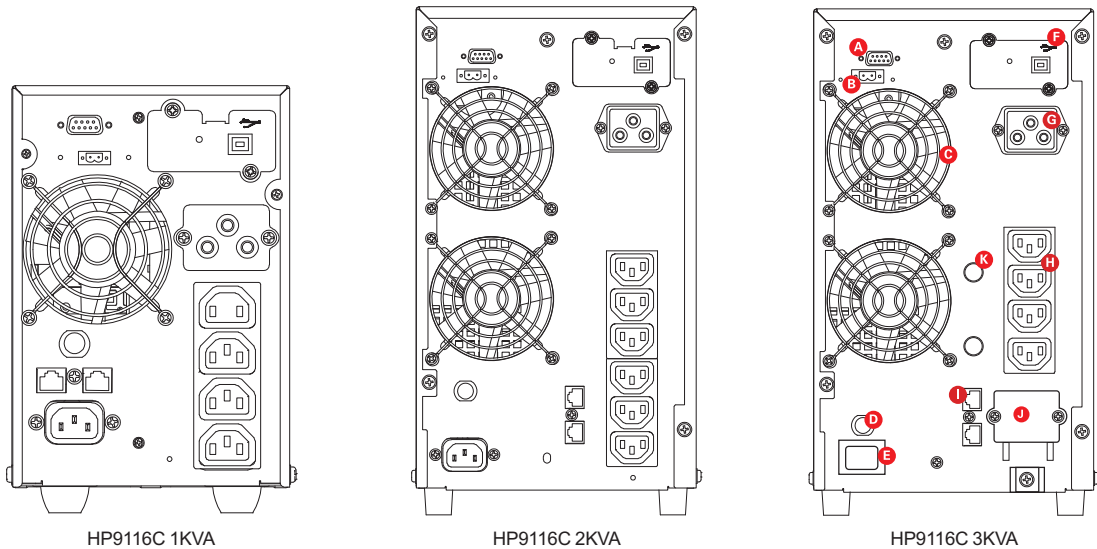
### Safe and reliable protection:

High frequency online UPS HP9116C (1ph in/1ph out) 1-3KVA series have a high stability and reliability which was designed by SORO company according to different power grid environment and network system requirements. Its excellent quality and perfect usability can provide a safe and reliable guarantee for the computer network system and realize overall protection to user devices.

## Key Features:

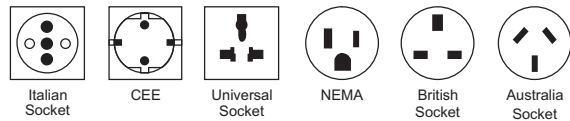
- Large blue backlight LCD for detailed real-time UPS status display.
- Pure sine wave double conversion online UPS with voltage regulator circuit, which can provide a perfect power protection when UPS working in a harsh surroundings.
- Comprehensive electric isolation and bypass protection.
- Input PFC technology, reduce harmonic pollution to the power grid.
- Automatic alarm; Self-testing function.
- Wide Input frequency range can connect various fuel generator.
- Adopt intelligent battery management, saving charging time and extend battery life.
- DC start when power off, convenient and reliable; restart automatically when electricity is restored.

## Back Panel Description:



- A** Communication Port
- B** EPO
- C** Cooling Fan
- D** Breaker
- E** Input Plug
- F** Intelligent Slot /USB Port(Optional)
- G** External Battery Socket(For Long Backup Time UPS Only)
- H** Output Socket
- I** Network/Fax/Modem Surge Protection
- J** Output Terminal
- K** Fuse

### Available sockets



## UPS Power Solutions Expert

## HP9116C Series Technical Specifications

| Model                     | HP9116 1-3KVA   |                  |            |                  |            |                  |      |
|---------------------------|---|------------------|------------|------------------|------------|------------------|------|
|                           | 1KT   | 1KT-XL           | 2KT        | 2KT-XL           | 3KT        | 3KT-XL           |      |
| Rated Power               | 1KVA/0.7KW  |                  | 2KVA/1.4KW |                  | 3KVA/2.1KW |                  |      |
| Rated Voltage             | 220/230/240VAC  |                  |            |                  |            |                  |      |
| Rated Frequency           | 50/60 Hz  |                  |            |                  |            |                  |      |
| Input                     |   |                  |            |                  |            |                  |      |
| Voltage Range             | 115~295VAC ( $\pm 3$ VAC)   |                  |            |                  |            |                  |      |
| Frequency Range           | 50HZ: (46~54HZ); 60HZ:(56HZ~64HZ)   |                  |            |                  |            |                  |      |
| Power Factor              | > 0.98  |                  |            |                  |            |                  |      |
| Output                    |   |                  |            |                  |            |                  |      |
| Voltage Regulation        | 220/230/240X (1 $\pm$ 2%)VAC  |                  |            |                  |            |                  |      |
| Frequency Regulation      | 50/60 Hz $\pm$ 0.05Hz   |                  |            |                  |            |                  |      |
| Power Factor              | 0.7/0.8 (Optional)Standard 0.7  |                  |            |                  |            |                  |      |
| Voltage Distortion        | Linear load<3% Non-linear load<6%   |                  |            |                  |            |                  |      |
| Overload Capability       | 110%~150% for 30 sec; $\geq$ 150% for 200ms   |                  |            |                  |            |                  |      |
| Current Crest Ratio       | 3 : 1   |                  |            |                  |            |                  |      |
| Transfer Time             | 0ms (AC mode $\rightarrow$ Battery mode)  |                  |            |                  |            |                  |      |
| Battery                   |   |                  |            |                  |            |                  |      |
| DC Voltage                | 36VDC   |                  | 96VDC      |                  | 96VDC      |                  |      |
| Recharge Time             | 5 hours to 90% of capacity after full load discharge                                      |                  |            |                  |            |                  |      |
| Recharge Current          | 1A  | 4A/8A (Optional) | 1A         | 4A/8A (Optional) | 1A         | 4A/8A (Optional) |      |
| Display                   |   |                  |            |                  |            |                  |      |
| LCD                       | Display input/output Voltage, Frequency, Battery voltage, Battery capacity, Loading rate. |                  |            |                  |            |                  |      |
| Communication             |   |                  |            |                  |            |                  |      |
| Interface                 | Smart RS232, SNMP(Optional),USB (Optional)  |                  |            |                  |            |                  |      |
| Environment               |   |                  |            |                  |            |                  |      |
| Operation Temperature     | 0~40 $^{\circ}$ C   |                  |            |                  |            |                  |      |
| Humidity                  | 0~95% (Non-condensing)  |                  |            |                  |            |                  |      |
| Storage Temperature       | -25 $^{\circ}$ C~55 $^{\circ}$ C  |                  |            |                  |            |                  |      |
| Sea Level Elevation       | < 1500m   |                  |            |                  |            |                  |      |
| Noise Level (1m)          | < 45dB  |                  | < 50dB     |                  | < 50dB     |                  |      |
| Physics Characteristic    |   |                  |            |                  |            |                  |      |
| Weight (KG)               | N.W   | 14               | 7          | 31               | 13.5       | 31.5             | 14   |
|                           | G.W   | 16               | 9          | 33               | 16         | 33.5             | 16.5 |
| Dimensions: (W x D x H)mm | 145X400X220   |                  |            | 192X460X340      |            |                  |      |

STANDARD: Conform to GB/IEC regulation: EMC:GB7260.2/IEC62040-2 GB/17626.2~5/IEC61000-4-2~5 SAFETY:GB4943

Note: Product specifications are subject to change without further notice.