

TOWER 110V C6~10KVA

Online UPS 1:1phase PF: 0.9
110V In / 110V Out



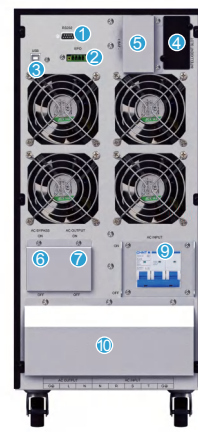
Features

- DSP (Digital signal processors) control
- Active input power factor correction, input power factor> 0.99
- Three level inverter technology,lower harmonic,higher efficiency
- Wide input voltage range 55~145V and frequency range 40~70Hz
- Generator compatible
- Cold start function
- Remote on off (ROO) function (optional)
- Economic operation mode (ECO)
- 50Hz/60Hz Frequency auto sensing
- Frequency converter mode: 50Hz input / 60Hz output or 60Hz input / 50Hz output
- Laser printer and ultrasound system load acceptable (customized)
- Communications:RS232(standard), USB / MODBUS / RS485 / SNMP / AS400 card (optional)
- Reliable design, made with strong glass fiber base (FR4) double side PCB, well designed ventilation and conformal coating

Rear Panel



6K



10K/10KS

- 1.RS232 port
- 2.EPO /ROO (Remote On Off) port
- 3.USB port
- 4.Intelligent slot for SNMP/MODBUS/dry contact card etc.
- 5.External battery connector
- 6.Maintenance bypass switch
- 7.AC output switch
- 8.Battery switch
- 9.AC input switch
- 10.Input and output terminal block

Technical Specifications : Accept Customization Requests

ARIGO®
P O W E R

Model	LV C6K	LV C6KS	LV C10K	LV C10KS
Capacity	6KVA/5.4KW		10KVA/9KW	
Phase	Single phase input single phase output			
AC INPUT				
Wiring	1 phase 3 wires (L/N+PE)			
Rated Voltage	110/115/120/127VAC			
Voltage Range	Line-Neutral 55~145VAC			
Frequency Range	40Hz~70Hz			
Input Power Factor	≥0.99			
AC OUTPUT				
Wiring	1 phase (L/N+PE)			
Output Voltage	110/115/120/127VAC			
Voltage Regulation	±2%			
Output Frequency	50/60±4Hz(Sync mode) ; 50/60Hz±0.1%(Free run)			
Waveform	Pure sine wave			
Distortion(THDV%)	<2%(Linear load); <8%(Non-Linear load)			
Overload Capability	10Min@105%~125%; 60Sec.@125%~150%; 0.5Sec.@>150%			
EFFICIENCY				
Line Mode	91%		92%	
Battery Mode	90%		92%	
BATTERY & CHARGER				
Rated Battery Voltage	192VDC Internal	192VDC External	192VDC Internal	192VDC External
Battery Capacity	12V/7AHx16pcs	External battery	12V/9AHx16pcs	External battery
Backup Time	>10mins @ half load		>6mins @ half load	
Charging Current	Standard model with internal battery:1A; Long back up time model:4A			
Optional Configuration to Order	1. External battery socket for standard model 2. Battery capacity 7AH/9AH			
HMI				
LCD Display	Input mains voltage, frequency, load level, operation mode, health status			
Standards Communication Interface	(1) RS232 port			
Optional Extension Card	(2) EPO / ROO port (3) Intelligent slot (4) USB port (5) NETWORK card: Support SNMP/TCP/IP for remote monitoring the UPS via smart phone APP, web page, PC monitor software , support server/NAS shutdown (6) CMC MODBUS card (7) AS400 Relay card			
ENVIRONMENT				
Temperature Range	-10~50°C			
Relative Humidity	0-98% (Non-condensing)			
Acoustics Noise	<55dB @ 1 meters			
PHYSICAL				
Dimension WxDxH(mm)	190x535x456	190x535x360	300x700x720	238x540x528
N.W(kg)	47	18	55	26.1

Product specifications are subject to change without prior notice.

TOWER 220V 6~10KVA

Online UPS 1:1phase PF: 0.9



Features

- DSP (Digital signal processors) control
- Active input power factor correction, input power factor>0.99
- Three level inverter technology,lower harmonic,higher efficiency
- Wide input voltage range 90V~300V and frequency range 40~70Hz
- Generator compatible
- Cold start function
- Remote on off (ROO) function (optional)
- Economic operation mode (ECO)
- 50Hz/60Hz Frequency auto sensing
- Frequency converter mode: 50Hz input / 60Hz output or 60Hz input / 50Hz output
- Laser printer and ultrasound system load acceptable (customized)
- Communications:RS232(standard), USB / MODBUS / RS485 / SNMP / AS400 card (optional)
- Reliable design, made with strong glass fiber base (FR4) double side PCB, well designed ventilation and conformal coating

Rear Panel



6KS~10KS

6K~10K

- 1.RS232 port
- 2.EPO /ROO (Remote On Off) port
- 3.USB port
- 4.Intelligent slot for SNMP/MODBUS/dry contact card etc.
- 5.Battery connector
- 6.Input and output terminal block
- 7.AC input switch
- 8.Maintenance bypass switch
- 9.AC output switch
- 10.Battery switch

Technical Specifications : Accept Customization Requests

ARIGO®
P O W E R

Model	HV C6K	HV C6KS	HV C10K	HV C10KS
Capacity	6KVA/5.4KW		10KVA/9KW	
AC INPUT				
Wiring	L/N+PE			
Rated Voltage	208/220/230/240VAC			
Voltage Range	90~300VAC			
Frequency Range	40Hz~70Hz			
Input Power Factor	≥0.99			
AC OUTPUT				
Wiring	L/N+PE			
Output Voltage	208/220/230/240VAC			
Voltage Regulation	±1%			
Output Frequency	50/60±4Hz(Sync mode) ; 50/60Hz±0.1%(Free run)			
Waveform	Pure sine wave			
Distortion(THDV%)	<2%(Linear load); <7%(Non-Linear load)			
Overload Capability	10Min@105%~125% rated load; 60Sec.@125%~150% rated load; 0.5Sec.@>150% rated load			
EFFICIENCY				
Line Mode	>93%			
Battery Mode	>91%			
BATTERY & CHARGER				
Rated Battery Voltage	144/192VDC Internal	192/240VDC External	192VDC Internal	192/240VDC External
Battery Capacity	7AHx12pcs/16pcs	External battery depends	7AHx16pcs	External battery depends
Backup Time	>6mins @ half load		>6mins @ half load	
Charging Current	Standard model with internal battery:1A; Long back up time model : 4A			
HMI				
LCD Display	Input mains voltage, frequency, load level, operation mode, health status			
Standards Communication Interface	(1) RS232 port			
Optional Extension Card	(2) EPO / ROO port (3) Intelligent slot (4) USB port (5) NetWork card: Support SNMP/TCP/IP for remote monitoring the UPS via smart phone APP, web page, PC monitor software , support server/NAS shutdown (6) CMC MODBUS card (7) AS400 Relay card			
ENVIRONMENT				
Temperature Range	-10~50℃			
Relative Humidity	0-98% (Non-condensing)			
Acoustics Noise	<55dB @ 1 meters			
PHYSICAL				
Dimension WxDxH(mm)	6K-12BAT: 190x546x360 6K-16BAT: 190x546x470	190x378x318	190x546x470	190x546x340
N.W(kg)	6K-12BAT: 37kg 6K-16BAT: 46.5kg	14.8	47.8	16

Product specifications are subject to change without prior notice.