CENTRALION



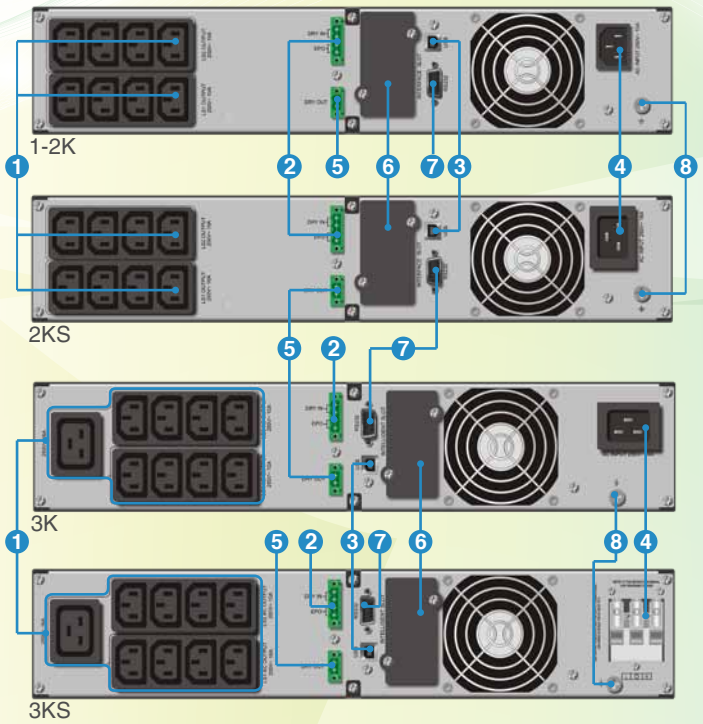
INNOVA RT HV
1-10KVA UPS

HIGH POWER DENSITY RACK-TOWER 2-IN-1 TRUE DOUBLE CON-VERSION ONLINE UPS

FEATURES

- DSP Control
- 0.9 Output Power Factor
- Wide Input Range
- High Efficiency Mode(ECO)
- Frequency Converter Mode
- Input THDi<5%
- Output Voltage Regulation <1%
- Output THDv<2%
- Fan Speed Control
- Compact Design
- Extendable Run Time
- Dual input (for 6-10KVA)
- Power Management Software
- Multiple Communication Ports
- Optional SNMP & Relay Cards
- Temperature Compensation
- PDU(for 6-10KVA)
- 1+1 Parallel for 6-10KVA

CENTRALION INDUSTRIAL INC
No. 93, Shin-Hu 3rd Rd., Neihu, Taipei, 114, Taiwan, R. O. C.
TEL: +886-2-2794-6363 FAX: +886-2-6606-8711
http://www.centralion.com

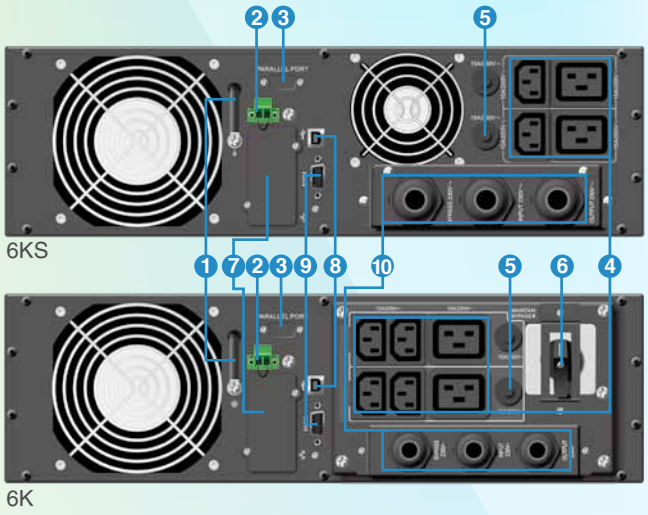


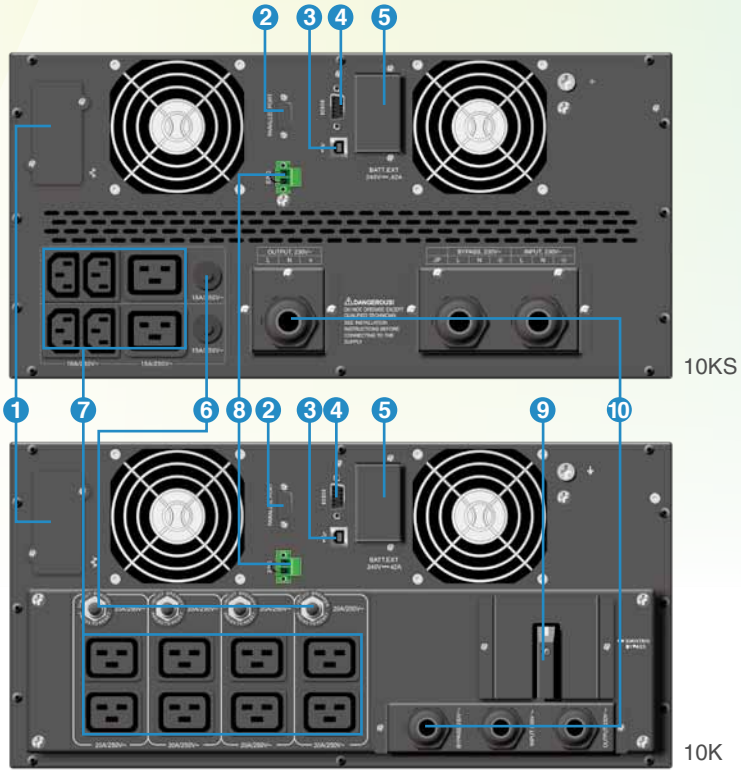
1-3K REAR PANEL DESCRIPTION

1. AC OUTPUT
2. EPO/Dry-Contact Input Port
3. USB Port
4. AC Input
5. Dry-Contact Port
6. Intelligent Slot
7. RS232 Port
8. Earth Line Port

6K REAR PANEL DESCRIPTION

1. Ground Screw
2. REPO Port
3. Parallel Port (Optional)
4. Output Socket
5. Output Circuit Breaker
6. Maintenance Bypass Switch
7. Intelligent Slot
8. USB Port
9. RS-232 Port
10. Input/Output Terminal Block





10K REAR PANEL DESCRIPTION

1. Intelligent Slot
2. Parallel Port (Optional)
3. USB Port
4. RS-232 Port
5. External Battery Connector
6. Output Circuit Breaker
7. Output Socket
8. REPO Port
9. Maintenance Bypass Switch
10. Input/Output Terminal Block

INNOVA RT 1-3KVA UPS SPECIFICATION

MODEL			Innova RT 1K	Innova RT 1KS	Innova RT 1.5K	Innova RT 1.5KS	Innova RT 2K	Innova RT 2KS	Innova RT 3K	Innova RT 3KS
CAPACITY	VA/W		1000VA/900W		1500VA/1350W		2000VA/1800W		3000VA/2700W	
INPUT	Voltage Range		120~276VAC Depends on Load Level							
	Frequency Range		45-55Hz / 54-66Hz							
	Phase		Single Phase with Ground							
	THDI		< 5% with Full Load							
	Power Factor		⩾ 0.99@R Full Load							
OUTPUT	Voltage		208/220/230/240VAC							
	Voltage Regulation		±1%							
	Frequency (Synchronized Range)		45-55Hz/54-66Hz							
	Frequency(BAT Mode)		50/60Hz±0.2Hz							
	Current Crest Ratio		3:1							
	Harmonic Distortion		⩽ 2% @Linear Load							
			⩽ 5% @Non-linear Load							
	Output Waveform		Pure Sine Wave							
	Overload Capacity	Line Mode	12s @102%-130% Load 1.5s @130%-150% Load 100ms@>150% Load							
		BAT Mode								
EFFICIENCY	Line Mode		>87%				>89%		>90%	
	BAT Mode		>83%				>83%		>86%	
	ECO Mode		>95%				>95%		>95%	
BATTERY	Number of Batteries		3	Depend on The Capacity of External Batteries	4	Depend on The Capacity of External Batteries	4	Depend on The Capacity of External Batteries	6	Depend on The Capacity of External Batteries
	Battery Type		12V/7.2Ah		12V/7.2Ah		12V/9Ah		12V/9Ah	
	Backup Time		>5 Minutes		>5 Minutes		>5 Minutes		>5 Minutes	
	Recharge Time		3 Hours to 90%		3 Hours to 90%		3 Hours to 90%		3 Hours to 90%	
	Charging Current(max)		1.5A	6A	1.5A	6A	1.5A	6A	1.5A	6A
TRANSFER TIME	LINE <--> BAT		0ms							
	INV <--> BYPASS		0ms							
	INV -->ECO		1ms							
	ECO --> INV		<10ms							
INDICATOR	LCD		Load Level/Battery Voltage/Battery Mode/AC Mode/Bypass Mode Information							
AUDIBLE ALARM	BAT Mode		Sounding Every 4 Seconds							
	Low Battery		Sounding Every Second							
	Fault		Continuously Sounding							
	Overload		Sounding Twice Every Second							
DIMENSION	Rack Case(WxHxD)mm		438×86.5×436						438×86.5×608	
ENVIRONMENT	Operation Environment		0-40℃							
	Relative Humidity		0-95%（Non-Condensing）							
	Noise Level		<45dB @ Front 1 Meter		<45dB @ Front 1 Meter		<50dB @ Front 1 Meter			
INTERFACE	RS232/USB		Software Supports Windows Family, Linux, Sun Solaris, IBM Aix, Compaq True64, SGIIRIX, FreeBSD, HP-UX, MAC							
	Intelligent Slot		SNMP/AS400/Relay Card							
	EPO		Emergency Power Off							

INNOVA RT 6-10KVA UPS SPECIFICATION

MODEL			Innova RT 6K	Innova RT 6KS	Innova RT 10K	Innova RT 10KS
CAPACITY	VA/W		6000VA/5400W		10000VA/9000W	
INPUT	Voltage Range		120~276VAC			
	Frequency Range		45-55Hz / 54-66Hz			
	Phase		Single Phase with Ground			
	THDI		< 5% with full load			
	Power Factor		⩾ 0.99@R full load			
OUTPUT	Voltage		208/220/230/240VAC			
	Voltage Regulation		±1%			
	Frequency (Synchronized Range)		45-55Hz/54-66Hz			
	Frequency（BAT Mode）		50/60Hz±0.1Hz			
	Current Crest Ratio		3:1			
	Harmonic Distortion		⩽ 2% @Linear load			
			⩽ 5% @Non-linear load			
	Output Waveform		Pure Sine Wave			
	Overload Capacity	Line Mode	2min @102% ~ 130% 30s @130%~150% 100ms @>150%			
		BAT Mode	10s @102% ~ 130% 100ms @>130%			
EFFICIENCY	Line Mode		>92%		>93%	
	BAT Mode		>89%		>90%	
	ECO Mode		>96%		>97%	
BATTERY	Number of Batteries		15	Depend on the capacity of external batteries	20	Depend on the capacity of external batteries
	Battery Type		12V/5Ah		12V/9Ah	
	Backup Time		>2.5minutes		>3.5minutes	
	Recharge Time		3 hours to 90%		3 hours to 90%	
	Charging Current（max）		1.0A	8.0A	1.7A	8.0A
TRANSFER TIME	LINE<--> BAT		0ms			
	INV <--> BYPASS		0ms			
	INV-->ECO		1ms			
	ECO--> INV		<10ms			
INDICATOR	LCD		Load level/Battery voltage/Battery Mode/AC Mode/Bypass Mode Information			
AUDIBLE ALARM	BAT Mode		Sounding every 4 seconds			
	Low Battery		Sounding every second			
	Fault		Continuously sounding			
	Overload		Sounding twice every second			
DIMENSION	Rack Case(WxHxD)mm		438x129x594	438x129x594	438x215.5x594	438x215.5x594
ENVIRONMENT	Operation Environment		0-40℃			
	Relative Humidity		0-95%（Non-Condensing）			
	Noise Level		<55dB @ Front 1 meter			
INTERFACE	RS232/USB		Software supports Windows Family，Linux，Sun Solaris， IBM Aix，Compaq True64，SGIIRIX，FreeBSD，HP-UX，MAC			
	Intelligent Slot		SNMP/AS400/Relay Card			
	EPO		Emergency Power Off			