

RACK MOUNT IOT RT Series 1-10KVA

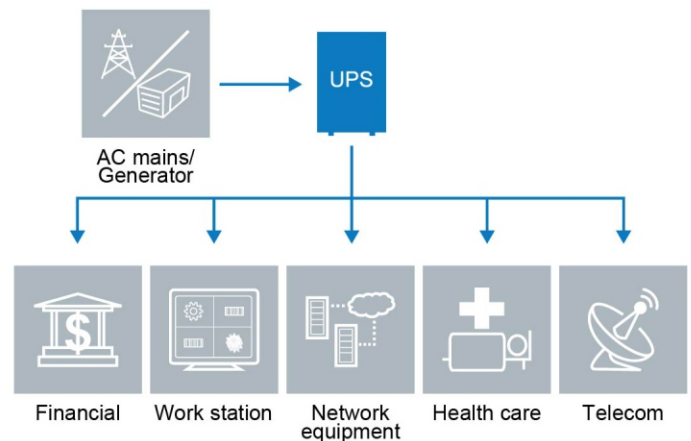


Key features

- True On-line Double Conversion Technology (VFI) with high adaptability to harsh mains conditions
- Real PF 1 can provide more power in same space
- High efficiency results in energy saving
- IBM function: Intelligent Battery Management - Automatic battery tests and warning before the end of useful battery life
- Adjustable charging current and flexible battery configuration
- Optimized charging method to expand battery life time.
- Rack Mount and Tower convertible (Rack ear and Tower feet are standard)
- Built-in EMB connector for external battery, WIFI port; USB HID, RS232,EPO, SNMP Slot (Input Circuit breaker for 6-10K)
- Built-in OVCD protection, fan lock detection, over temperature detection, overload warning to enhance the product reliability
- Cold start without mains; Auto restart when mains recover

- Programmable outlet group will extend back up time for most critical equipment (6-10K need PDU model)
- Automatic detect additional EBM quantity will simplify EBM installation for IT users
- Compatible with Generator
- Hot swappable battery will save customer service cost (For 1-3K standard UPS model)
- Low audible noise at typical load
- Dot matrix LCD support up to 10 languages for easy installation and service.
- Embedded Ethernet port solution provide safe network connection to Cloud which will meet the increasing IoT trend
- WLAN module for IoT connection
- Mobile APP for monitoring, configuration. Support Android/iOS
- USB HID enable monitoring on UPS without software installation
- Dry contactor for industrial condition
- Upgraded network card compliance with IEC standard cybersecurity

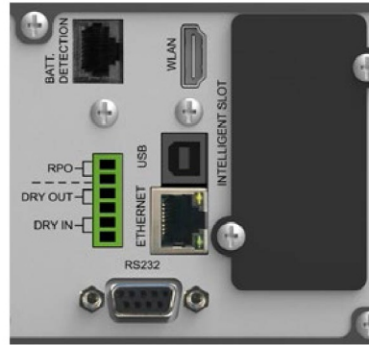
Typical application



New full range double conversion UPS

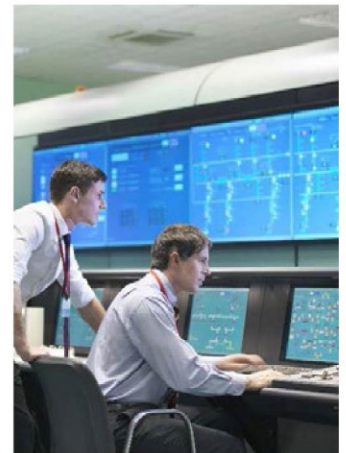
High density, true double conversion on-line power protection for IT (Information technology) and OT (operation technology) applications. Capable of supporting loads from 1 to 20kVA in a rack/tower convertible form with a 2U/3U space.

These latest range of UPS comes with future-proof connectivity design having the capability to connect to cloud seamlessly to allow the monitoring of the UPS online through any internet connected device. To ensure users information is safe and protected, these connectivity is compliant with IEC standard cybersecurity and GDPR regulation.

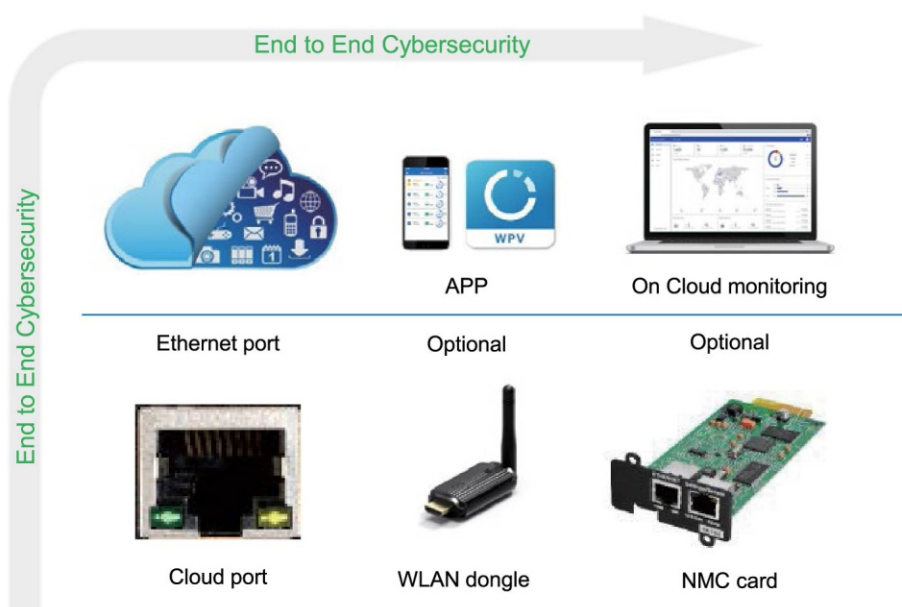


Network connected and data to cloud

- Easy to setup the Safe connection to Cloud
- Connect to Cloud through MQTT protocol (the most widely used IoT protocol)
- Real time health monitoring on the equipment to enable business continuity and failure prevention
- Remote monitoring, scheduled maintenance and UPS firmware upgrade *
- Improve the data visibility to the service people and end user
- Reduce the responsive time on product failure as Cloud push the exact information to end user and service people at the same time
- Create value added service opportunities based on digitalization transformation



* Will be launched soon



Product rear panel



1K-1.5K rear panel



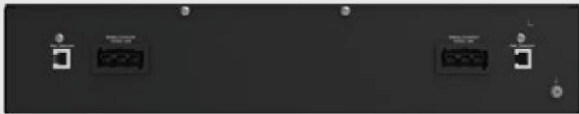
2k rear panel



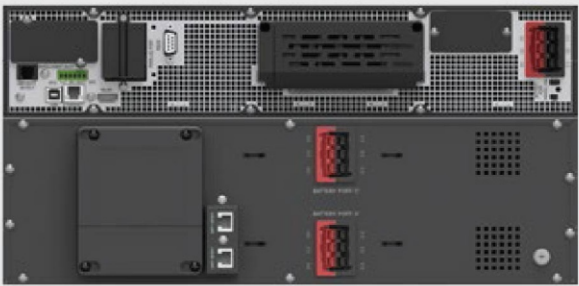
3K rear panel



1k-1.5K EBM rear panel



2K - 3K EBM rear panel



6-10k rear panel



6-10k EBM rear panel



6-10k MBP rear panel

Product specification

Model name		RT 1K	RT 1KS	RT 1.5K	RT 1.5KS
Power rating	VA/Watt	1000VA/1000W	1000VA/1000W	1500VA/1500W	1500VA/1500W
Efficiency	Double conversion mode	95%	95%	95%	95%
	ECO mode	96%	96%	97%	97%
Input performance	Voltage range	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)
	Rated frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
	Frequency range	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz
	Power factor	>0.99	>0.99	>0.99	>0.99
	THDI	<5%	<5%	<5%	<5%
Input connection		IEC C14	IEC C14	IEC C14	IEC C14
Output performance	Rated voltage	220/230/240VAC (Selectable on LCD)	220/230/240VAC (Selectable on LCD)	220/230/240VAC (Selectable on LCD)	220/230/240VAC (Selectable on LCD)
	Rated frequency	Mains mode : 50Hz (45-55Hz)/ 60Hz (54-66Hz) ; Battery mode: 50Hz/60Hz ± 0.1Hz			
	Power factor	1	1	1	1
	Voltage accuracy	±1%	±1%	±1%	±1%
	THDv	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load
	Transfer time	Mains mode to Battery mode: 0ms ; Inverter to Bypass: <4ms			
	Crest Ratio	max 3:1	max 3:1	max 3:1	max 3:1
	Overload(line mode)	Mains mode: load 100%-110% within 10min. ; load 110%-130% within 1min. ; load > 130% within 1s			
Bypass mode: load <130% continuously ; load 130%-150% within 10s; load >150% within 500ms					
Output connection	Wiring/socket	1 main outlet group (with 4 x IEC C13) and 1 program-mable outlet group (with 4 x IEC C13)	1 main outlet group (with 4 x IEC C13) and 1 program-mable outlet group (with 4 x IEC C13)	1 main outlet group (with 4 x IEC C13) and 1 program-mable outlet group (with 4 x IEC C13)	1 main outlet group (with 4 x IEC C13) and 1 program-mable outlet group (with 4 x IEC C13)
	Load segment control	Yes	Yes	Yes	Yes
Battery	Voltage	36V/24VDC	36VDC	36VDC	36VDC
	Capacity(AH)	3 x 12V/7Ah	NA	3 x 12V/9Ah	NA
	Backup time Typical value by default battery capacity, PF= 0.9	5 min. at 100% load/ 15 min. at 50% load	NA	5 min. at 100% load/ 15 min. at 50% load	NA
	Type	Valve Regulated Sealed Lead-Acid (VRLA) ; Maintenance-free			
Maximum connect external battery module quantity		4	4	4	4
Charger	Charging current	1.5A	8A	1.5A	8A
	Recharging time	3h to 90%	NA	3h to 90%	NA

Product specification

Model name		RT 1K	RT 1KS	RT 1.5K	RT 1.5KS
Other working mode	Frequency converter mode	Yes	Yes	Yes	Yes
	Bypass mode	Yes	Yes	Yes	Yes
	Sandby mode	Yes	Yes	Yes	Yes
	Parallel	no	no	no	no
HMI(human-machine interface)	Display	Dot matrix LCD, rotatable manually(optional segment LCD)	Dot matrix LCD, rotatable manually(optional segment LCD)	Dot matrix LCD, rotatable manually(optional segment LCD)	Dot matrix LCD, rotatable manually(optional segment LCD)
	Language	10 Languages	10 Languages	10 Languages	10 Languages
	USB	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID
	RS232	Yes(DB9)	Yes(DB9)	Yes(DB9)	Yes(DB9)
	Dry in/out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out
	EPO	yes	yes	yes	yes
	Intelnegnet slot	yes(for long card)	yes(for long card)	yes(for long card)	yes(for long card)
	Network card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card
	Modbus card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card
	Dry contactor card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card
	WLAN module	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type
	Ethernet port for IOT	RJ45	RJ45	RJ45	RJ45
	Monitor software	Winpower	Winpower	Winpower	Winpower
Physical performance	Dimension(W*D*H)MM	438*445*86.5(2U)	438*445*86.5(2U)	438*445*86.5(2U)	438*445*86.5(2U)
	IP protection level	IP20	IP20	IP20	IP20
Environment	Operating temperature	0-40°C	0-40°C	0-40°C	0-40°C
	Relative Humidity	0-95%	0-95%	0-95%	0-95%
	Operating Altitude	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)
	Acoustic Noise	<45dB @ typical load with battery fully charged	<45dB @ typical load with battery fully charged	<45dB @ typical load with battery fully charged	<45dB @ typical load with battery fully charged
Certification		IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2
EMI	Conduction/Radiation	C2	C2	C2	C2
EMS	ESD	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2
	RS	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3
	EFT	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4
	Surge	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5
Accessory	Maintenance bypass switch	NA	NA	NA	NA
	Input power cable	yes	yes	yes	yes
	Output power cable	yes,1*10A	yes,1*10A	yes,1*10A	yes,1*10A
	EBM cable	yes(in EBM)	yes(in EBM)	yes(in EBM)	yes(in EBM)
	USB cable	yes	yes	yes	yes
	RS232 cable	Optional	Optional	Optional	Optional
	Rail kit	Optional	Optional	Optional	Optional
	Tower Feet	yes	yes	yes	yes
	Rack ear	yes	yes	yes	yes
	Manual	yes	yes	yes	yes

Product specification

Model name		RT 2K	RT 2KS	RT 3K	RT 3KS
Power rating	VA/Watt	2000VA/2000W	2000VA/2000W	3000VA/3000W	3000VA/3000W
Efficiency	Double conversion mode	95%	95%	95%	95%
	ECO mode	97%	97%	97%	97%
Input performance	Voltage range	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)
	Rated frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
	Frequency range	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz
	Power factor	>0.99	>0.99	>0.99	>0.99
	THDI	<5%	<5%	<5%	<5%
Input connection		IEC C20	IEC C20	IEC C20	IEC C20
Output performance	Rated voltage	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)
	Rated frequency	Mains mode : 50Hz (45-55Hz)/ 60Hz (54-66Hz) ; Battery mode: 50Hz/60Hz ± 0.1Hz			
	Power factor	1	1	1	1
	Voltage accuracy	±1%	±1%	±1%	±1%
	THDv	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load
	Transfer time	Mains mode to Battery mode: 0ms ; Inverter to Bypass: <4ms			
	Crest Ratio	max 3:1	max 3:1	max 3:1	max 3:1
	Overload(line mode)	Mains mode: load 100%-110% within 10min. ; load 110%-130% within 1min. ; load >130% within 1s Bypass mode: load <130% continuously ; load 130%-150% within 10s; load >150% within 500ms			
Output connection	Wiring/socket	1 main outlet group (with 4 x IEC C13) and 1 programmable outlet group (with 4 x IEC C13)	1 main outlet group (with 4 x IEC C13) and 1 programmable outlet group (with 4 x IEC C13)	1 main outlet group (with 1 x IEC C19 + 4 x IEC C13) and 1 programmable outlet group (with 4 x IEC C13)	1 main outlet group (with 1 x IEC C19 + 4 x IEC C13) and 1 programmable outlet group (with 4 x IEC C13)
	Load segment control	Yes	Yes	Yes	Yes
Battery	Voltage	72V/48VDC	72VDC	72VDC	72VDC
	Capacity(AH)	6 x 12V/7Ah	NA	6 x 12V/9Ah	NA
	Backup time Typical value by default battery capacity, PF=0.9	5 min. at 100% load/ 15 min. at 50% load	NA	5 min. at 100% load/ 15 min. at 50% load	NA
	Type	Valve Regulated Sealed Lead-Acid (VRLA) ; Maintenance-free			
Maximum connect external battery module quantity		4	4	4	4
Charger	Charging current	1.5A	8A	1.5A	8A
	Recharging time	3h to 90%	NA	3h to 90%	NA

Product specification

Model name		RT 2K	RT 2KS	RT 3K	RT 3KS
Other working mode	Frequency converter mode	Yes	Yes	Yes	Yes
	Bypass mode	Yes	Yes	Yes	Yes
	Sandby mode	Yes	Yes	Yes	Yes
	Parallel	no	no	no	no
HMI(human-machine interface)	Display	Dot matrix LCD, rotatable manually(optional segment LCD)	Dot matrix LCD, rotatable manually(optional segment LCD)	Dot matrix LCD, rotatable manually(optional segment LCD)	Dot matrix LCD, rotatable manually(optional segment LCD)
	Language	10 Languages	10 Languages	10 Languages	10 Languages
	USB	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID
	RS232	Yes(DB9)	Yes(DB9)	Yes(DB9)	Yes(DB9)
	Dry in/out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out
	EPO	yes	yes	yes	yes
	Intelnegnet slot	yes(for long card)	yes(for long card)	yes(for long card)	yes(for long card)
	Network card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card
	Modbus card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card
	Dry contactor card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card
	WLAN module	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type
	Ethernet port for IOT	RJ45	RJ45	RJ45	RJ45
	Monitor software	Winpower	Winpower	Winpower	Winpower
Physical performance	Dimension(W*D*H)MM	438*600*86.5(2U)	438*600*86.5(2U)	438*600*86.5(2U)	438*600*86.5(2U)
	IP protection level	IP20	IP20	IP20	IP20
Environment	Operating temperature	0-40°C	0-40°C	0-40°C	0-40°C
	Relative Humidity	0-95%	0-95%	0-95%	0-95%
	Operating Altitude	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)
	Acoustic Noise	<50dB @ typical load with battery fully charged	<50dB @ typical load with battery fully charged	<50dB @ typical load with battery fully charged	<50dB @ typical load with battery fully charged
Certification		IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2
EMI	Conduction/Radiation	C2	C2	C2	C2
EMS	ESD	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2
	RS	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3
	EFT	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4
	Surge	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5
Accessory	Maintenance bypass switch	NA	NA	NA	NA
	Input power cable	yes	yes	yes	yes
	Output power cable	yes,1*10A	yes,1*10A	yes,1*10A	yes,1*10A
	EBM cable	yes(in EBM)	yes(in EBM)	yes(in EBM)	yes(in EBM)
	USB cable	yes	yes	yes	yes
	RS232 cable	Optional	Optional	Optional	Optional
	Rail kit	Optional	Optional	Optional	Optional
	Tower Feet	yes	yes	yes	yes
	Rack ear	yes	yes	yes	yes
	Manual	yes	yes	yes	yes

Product specification

Model name		RT 6K	RT 6KS	RT 10K	RT 10KS
Power rating	VA/Watt	6000VA/ 6000W	6000VA/ 6000W	10000VA/10000W	10000VA/10000W
Efficiency	Double conversion mode	95%	95%	95%	95%
	ECO mode	98%	98%	98%	98%
Input performance	Voltage range	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)	100V – 300V (depending on loads connected)
	Rated frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
	Frequency range	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz	45Hz - 55Hz/54Hz - 66Hz
	Power factor	>0.995	>0.995	>0.995	>0.995
	THDI	<3% linear load <5% non linear load	<3% linear load <5% non linear load	<3% linear load <5% non linear load	<3% linear load <5% non linear load
Input connection		L/N/PE hardware terminal connection	L/N/PE hardware terminal connection	L/N/PE hardware terminal connection	L/N/PE hardware terminal connection
Output performance	Rated voltage	220/230/240VAC (Selectable on LCD)	220/230/240VAC (Selectable on LCD)	220/230/240VAC (Selectable on LCD)	220/230/240VAC (Selectable on LCD)
	Rated frequency	Mains mode : 50Hz (45-55Hz)/ 60Hz (54-66Hz) ; Battery mode: 50Hz/60Hz ± 0.1Hz			
	Power factor	1	1	1	1
	Voltage accuracy	±1%	±1%	±1%	±1%
	THDv	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load	<1% linear load <5% non linear load
	Transfer time	Mains mode to Battery mode: 0ms ; Inverter to Bypass: <4ms			
	Crest Ratio	max 3:1	max 3:1	max 3:1	max 3:1
	Overload(line mode)	Mains mode: load 100%-110% within 10min. ; load 110%-130% within 1min. ; load >130% within 1s Bypass mode: load <130% continuously ; load 130%-150% within 10s; load >150% within 500ms			
Output connection	Wiring/socket	L/N/PE hardware terminal connection	L/N/PE hardware terminal connection	L/N/PE hardware terminal connection	L/N/PE hardware terminal connection
	Load segment control	Optional (need MBP model)	Optional (need MBP model)	Optional (need MBP model)	Optional (need MBP model)
Battery	Voltage	192VDC(192~240VDC adjustable)	192VDC(192~240VDC adjustable)	192VDC(192~240VDC adjustable)	192VDC(192~240VDC adjustable)
	Capacity(AH)	16*12V/7Ah, 16~20pcs adjustable	NA	16*12V/9Ah, 16~20pcs adjustable	NA
	Backup time Typical value by default battery capacity, PF=0.9	5 min. at 100% load/ 15 min. at 50% load	NA	5 min. at 100% load/ 15 min. at 50% load	NA
	Type	Valve Regulated Sealed Lead-Acid (VRLA) ; Maintenance-free			
Maximum connect external battery module quantity		6	6	6	6
Charger	Charging current	1.4A(0-4A adjustable)	4A(0-12A adjustable)	2A(0-4A adjustable)	4A(0-12A adjustable)
	Recharging time	3h to 90%	NA	3h to 90%	NA

Product specification

Model name		RT 6K	RT 6KS	RT 10K	RT 10KS
Other working mode	Frequency converter mode	Yes	Yes	Yes	Yes
	Bypass mode	Yes	Yes	Yes	Yes
	Sandby mode	Yes	Yes	Yes	Yes
	Parallel	Optional (up to 3)	Optional (up to 3)	Optional (up to 3)	Optional (up to 3)
HMI(human-machine interface)	Display	Dot matrix LCD, rotatable manually	Dot matrix LCD, rotatable manually	Dot matrix LCD, rotatable manually	Dot matrix LCD, rotatable manually
	Language	10 Languages	10 Languages	10 Languages	10 Languages
	USB	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID	USB 2.0 with HID
	RS232	Yes(DB9)	Yes(DB9)	Yes(DB9)	Yes(DB9)
	Dry in/out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out	1 programble dry in; 1 programble dry out
	EPO	yes	yes	yes	yes
	Intelneg slot	yes(for long card)	yes(for long card)	yes(for long card)	yes(for long card)
	Network card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card	Optional, NMC long card
	Modbus card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card	Optional,CMC/Modbus Long Card
	Dry contactor card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card	Optional,AS400 Long Card
	WLAN module	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type	Optional,HDMI type
	Ethernet port for IOT	RJ45	RJ45	RJ45	RJ45
	Monitor software	Winpower	Winpower	Winpower	Winpower
Physical performance	Dimension(W*D*H)MM	5U height including 438*573*86.2 (power module, 2U) 438*593*129 (Battery, 3U)	438*573*86.2 (power module, 2U)	5U height including 438*573*86.2 (power module, 2U) 438*593*129 (Battery, 3U)	438*573*86.2 (power module, 2U)
	IP protection level	IP20	IP20	IP20	IP20
Environment	Operating temperature	0-50°C(power derating to 50% @40-50°C)	0-50°C(power derating to 50% @40-50°C)	0-50°C(power derating to 50% @40-50°C)	0-50°C(power derating to 50% @40-50°C)
	Relative Humidity	0-95%	0-95%	0-95%	0-95%
	Operating Altitude	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)	0~3000m (the load derating 1 % every up 100m @1000~3000m)
	Acoustic Noise	<50dB @ typical load with battery fully charged	<50dB @ typical load with battery fully charged	<55dB @ typical load with battery fully charged	<55dB @ typical load with battery fully charged
Certification		IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2	IEC/EN 62040-1; 62040-2
EMI	Conduction/Radiation	C3	C3	C3	C3
EMS	ESD	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2	IEC/EN 61000-4-2
	RS	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3	IEC/EN 61000-4-3
	EFT	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4	IEC/EN 61000-4-4
	Surge	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5	IEC/EN 61000-4-5
Accessory	Maintenance bypass switch	Optional (build in 1 main outlet group with 1 x IEC C19 + 2 x IEC C13 and 1 programmable outlet group with 1 x IEC C19 + 2 x IEC C13)	Optional (build in 1 main outlet group with 1 x IEC C19 + 2 x IEC C13 and 1 programmable outlet group with 1 x IEC C19 + 2 x IEC C13)	Optional (build in 1 main outlet group with 1 x IEC C19 + 2 x IEC C13 and 1 programmable outlet group with 1 x IEC C19 + 2 x IEC C13)	Optional (build in 1 main outlet group with 1 x IEC C19 + 2 x IEC C13 and 1 programmable outlet group with 1 x IEC C19 + 2 x IEC C13)
	Input power cable	NA	NA	NA	NA
	Output power cable	NA	NA	NA	NA
	EBM cable	yes(in EBM)	yes(in EBM)	yes(in EBM)	yes(in EBM)
	USB cable	Yes	Yes	Yes	Yes
	RS232 cable	Optional	Optional	Optional	Optional
	Rail kit	Optional	Optional	Optional	Optional
	Tower Feet	Yes	Yes	Yes	Yes
	Rack ear	Yes	Yes	Yes	Yes
	Manual	Yes	Yes	Yes	Yes



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