

On-Line UPS Platinum RT Series



1kVA - 3kVA



Features:

- Online Double Conversion technology
- Programmable power outlets
- Unity power factor provides more power in the same kVA rating
- Great energy saving efficiency
- Improved battery algorithm to extend battery life
- Greater reliability with built-in over voltage cut off device; fan lock; over temperature; overload warning detections.
- Low audible noise allows installation in most locations
- Innovative connectivity options allow safe network connection to Cloud
- WLAN module for IoT connection
- Android/iOS Mobile APP for monitoring and configuration.
- USB HID enables monitoring of UPS without software installation
- Upgraded network card compliance with IEC standard cybersecurity
- External battery banks available to extend battery run time

On-Line UPS

SPECIFICATIONS:

Model		Platinum RT 1	Platinum RT 2	Platinum RT 2L	Platinum RT 3	Platinum RT 3L
Power rating	VA/Watt	1000VA/1000W	2000VA/2000W		3000VA/3000W	
Efficiency	Double conversion mode	89%	93%			
	ECO mode	96%	97%			
Input performance	Rated voltage	200/208/220/230/240V				
	Voltage range	160-300V 100% load, 110-160V derating to 50% load linearly				
	Rated frequency	50Hz/60Hz				
	Frequency range	40Hz-70Hz(45Hz-55Hz, 54Hz-66Hz @ load>60%)				
	PF	>0.99				
	THDI	<5%				
Input connection		IEC C14	IEC C14	IEC C20	IEC C20	IEC C20
Output performance	Rated voltage	200/208/220/230/240 VAC(derating 10% at 208V, derating 20% at 200V)				
	Rated frequency	50Hz/60Hz				
	Maximum PF	1				
	Voltage accuracy	±1%				
	THDv	<1% linear load; <5% non linear load				
	Performance classification	VFI-SS-313				
	Transfer time	0ms(4ms @ line <-> bypass;10ms @ ECO <->Inverter)				
	Crest Ratio	max 3:1				
Output connection	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 1 x IEC C19 + 4 x IEC C13) and 1 programmable outlet group (with 4 x IEC C13)	
	Load segment control	Yes, 1 programmable load segment control				
Battery	Voltage	36VDC	72VDC			
	Capacity (AH)	3 x 12V/7Ah	6 x 12V/7Ah	NA	6 x 12V/9Ah	NA
Battery replacement		Hot Swappable				
Charger	Charging method	2-stage charging, temperature compensated charger				
	Charging current	1.5A	1.5A	8A	1.5A	8A
	Recharging time	3h to 90%	3h to 90%	NA	3h to 90%	NA
Other working mode	CVCF	Yes (derating to 60% load)				
	Parallel	no				
HMI	Display	Dot matrix LCD, rotatable manually(optional segment LCD)				
	Language	Multi-Language				
	USB	USB 2.0 with HID				
	RS232	Yes (DB9)				
	Dry in/out	1 programble dry in; 1 programble dry out				
	EPO	Yes				
	Intelignet slot	Yes				
	Network card	Optional				
	Modbus card	Optional				
	Dry contactor card	Optional				
	WIFI module	Optional				
	Ethernet port for IOT	RJ45				
	Monitor software	Winpower, Winpower View APP				
Physical performance	Dimension(W*D*H) mm	438*445*86.5	438*600*86.5 (2U)			
	IP protection level	IP20				
	Plug solid	optional				
	Wheel	No				
Environment	Operating temperature	0-40°C				
	Relative Humidity	0-95%				
	Operating Altitude	0~3000m (the load derating 1 % every up 100m @1000~3000m)				
	Acoustic Noise	<45dB @ typical load with battery fully charged				
Certification		CE,IEC/EN 62040				
EMI	Conduction/Radiation	C2				
	ESD	IEC/EN 61000-4-2				
EMS	RS	IEC/EN 61000-4-3				
	EFT	IEC/EN 61000-4-4				
	Surge	IEC/EN 61000-4-5				