



## RS Plus RT Series On-line UPS

The RS Plus RT series on-line double conversion UPS with industry leading green input power factor, input harmonics and superior output power factor is an efficient and affordable power protection.

The RS Plus RT are designed for application that require shallower mounting depth, higher load capacity and longer battery backup runtime, an ideal solution for entry-level server and network equipment.

- Advanced Digital Control Technology
- Double Conversion Technology
- Unity Input Power Factor
- Wide Input Voltage and Frequency Window
- Programmable Parameter Setting
- Emergency Shutdown Control through EPO
- Extended Runtime Capability
- Optional Powerful Charger
- Optional Power Shredding
- Rack/Tower Convertible Design

	MODEL	RS Plus RT 1000 B	RS Plus RT 1000	RS Plus RT 2000B	RS Plus RT 2000	RS Plus RT 3000B
Input	Voltage Range*	110~300Vac				
	Frequency Range	45Hz ~ 65Hz (Auto sensing)				
	Phase	Single phase with ground				
	Power Factor	≥ 0.99 (with full linear load)				
Output	Capacity	1000VA/900W		2000VA/1800W		3000VA/2700W
	Voltage	200/208/220/230/240 Vac				
	Output Power Factor	0.9				
	Output Voltage Distortion	< 3% (at full load) ; < 7% (at full non-linear load)				
	Output Voltage Regulation	± 2%				
	Frequency Range	50Hz ± 0.1% (selectable)				
	Current Crest Ratio	3:1 (acceptable)				
	Output Waveform	Pure sine wave				
	Transfer time (AC to DC)	0 ms				
	EFFICIENCY	Line Mode	Up to 92%			
High Efficiency Mode		Up to 96.5%				
BATTERY	Number of batteries	2	3	4	6	6
	Battery type	9AH/12V VRLA (maintenance-free lead)				
	Rated Battery Voltage	24Vdc	36Vdc	48Vdc	72Vdc	72Vdc
	Recharge time (to 80%)	5 hours				
DISPLAY	Standard LCD	Voltage / Frequency / Load level / Battery level / Output Current				
	Button	(ON/Alarm Silence Button)/ OFF Button/ (Test/Level Button)				
ALARM	Audible and Visual	Line Failure / Battery Low / Transfer to Bypass / System Fault				
PROTECTION	Full Protection	Overload, Over temperature, Short Circuit, Discharge, Overcharge				
FUNCTIONS	Multi-Mode	Normal/ECO/CVCF				
	DC Start	Yes				
PHYSICAL	Dimensions (WDH in mm)	440 × 405 × 88 (2U)		440 × 485 × 88 (2U)	440 × 600 × 88 (2U)	440 × 600 × 88 (2U)
	Weight (kg)	12		18	22	27
OUTPUT	Output Connections	3 × IEC-C13 + 1 × Universal Or 3 × IEC-C13		6 × IEC-C13 + 1 × Universal or 6 × IEC-C13		
ENVIRONMENT	Operation Temperature	0-40°C				
	Relative Humidity	0 to 90% (Without condensation)				
	Altitude	1000m without Derating				
	Noise Level	<50dBA @ 1 meter front				
INTERFACE	Standard	RS232, USB, EPO, Interface Cards Slot, Extended Battery Connector				
	Optional Communication Cards	Dry contact, 2 <sup>nd</sup> RS232, 2 <sup>nd</sup> USB, SNMP/Web Card				
	Compatible platforms	Microsoft Window series, Linux, Mac				
STANDARDS AND CERTIFICATIONS	Safety	IEC/EN 62040-1				
	EMC	IEC/EN 62040-2, FCC Class A, IEC 61000-4-3 /-2/-4/-5/-6/-8/, EN 61000-3-2, EN 61000-3-3, EN 61000-2-2				
	Markings	CE, FCC				

Specifications subject to change without notice.

\* Based on load percentage.

\*\* Battery capacity and configuration depends on the required uptime and load type.