Ablerex
every moment counts



RS-RT Plus Series On-line UPS

The RS-RT Plus series is a true 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-RT Plus series 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

www.ablerex.com.sg

RS Plus RT Series
On-line UPS

	MODEL	RS-RT Plus 1000B	RS-RT Plus 2000B	RS-RT Plus 3000B
INPUT	Voltage Range*1	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	200/208/220/230/240Vac		
	Output Power Factor	0.9		
	Output Voltage Distortion	< 3% (at full load) ; < 7% (at full non-linear load)		
	Output Voltage Regulation	± 2%		
	Frequency Range	± 3Hz or ± 1Hz (selectable)		
	Current Crest Ratio	3:1 (acceptable)		
	Output Waveform	Pure sine wave		
EFFICIENCY	Line Mode	Up to 92%		
	High Efficiency Mode	Up to 96.5%		
BATTERY*3	Number of batteries	2	4	6
	Battery type	12V VRLA (maintenance-free lead)		
	Rated Battery Voltage	24Vdc	48Vdc	72Vdc
	Uptime with internal battery at 100% load*2	≥ 5min		
	Recharge time (to 80%)	4~6 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		
	Circuit Protection	Reset Breaker for overload and short-circuit protection		
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)
	Weight (kg)	12	18	27
	Output Connections*4	3 × IEC-C13 + 1 × Universal	6 × IEC-C13 + 1 × Universal	
	Cooling	High-efficiency fans for heat dissipation		
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, 2nd RS232, 2nd 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.
*1) Based on load percentage.
*2) Battery capacity and configuration depends on the required uptime and load type.
*3) Ambient temperature for battery ≤ 25°C
*4) Other outlet types are available on request.

Ablerex Electronics (S) Pte Ltd
23 New Industrial Road #05-03 Solstice Business Center Singapore 536209
Tel: +65 6282 6535 Fax: +65 6282 6343 Website: ablerex.com.sg Email: sales@ablerex.com.sg