Ablerex
every moment counts

RS Plus Series On-line UPS

The RS Plus series on-line double conversion UPS with Microprocessor-controlled technology delivers maximum power density in a compact tower design. A cost-effective solution for mission critical user who demand high reliability and performance from a UPS.

- Optimized Output Power Factor 0.9
- Advanced Digital Control Technology
- Wide Input Voltage / Frequency Window
- Advanced LED/LCD Display with Parameter Setting
- Emergency Shutdown Control through EPO
- Extended Runtime Capability
- Optional Powerful Charger
- Matching Battery Cabinet



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RS Plus Series
On-line UPS

	MODEL	RS Plus 1000B	RS Plus 2000B	RS 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	200/208/220/230/240 Vac		
	Output Power Factor	0.9		
	Output Voltage Distortion	< 3% (at full load) ; < 7% (at full non-linear load)		
	Output Voltage Regulation	± 1%		
	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%		
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 90%)	4~6 hours		
DISPLAY	Standard LCD	Voltage / Frequency / Load level / Battery level / Output Current / Estimated Autonomy		
	Self-Diagnostics	Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check		
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 (WHD in mm)	154 × 211 × 382	192 × 250 × 470	192 × 320 × 451
	Weight (kg)	9.5	22.2	29.8
	Output Connections*4	2 × IEC-C13 + 2 × Universal	4 × IEC-C13 + 2 × 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.

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