

## 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 users who demand high reliability and performance from a UPS.

- Optimised Output Power Factors 0.7 / 0.8 / 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
- Optional Power Shredding
- Matching Battery Cabinet



RS-Plus Series  
On-line UPS

Model		RS-Plus 1000	RS-Plus 2000	RS-Plus 3000
Input	Phase	Single + G		
	Voltage	110~300Vac		
	Frequency	45~65Hz(Auto sensing)		
	Power Factor	≥0.99 @ Full Load		
Output	Capacity	1000VA /700W or 800W or 900W	2000VA /1400W or 1600W or 1800W	3000VA /2100W or 2400W or 2700W
	Voltage	208/220/230/240Vac		
	Power Factor	0.7 or 0.8 or 0.9 (Available on request)		
	Voltage Distortion	≤3% @ 100% Linear load ≤7% @ 100% non-linear load		
	Voltage Regulation	±2%		
	Frequency (Synchronized Range)	±1Hz or ±3Hz (Selectable)		
	Crest Factor	3:1		
	Waveform	Pure Sine Wave		
Efficiency	Line Mode	Up to 92%		
	High Efficiency Mode	Up to 96%		
Battery	Type	Sealed Lead Acid Maintenance Free 12Vdc		
	Battery Number	3	6	6
	Battery Voltage	36	72	72
	Recharge Time (to 90%)	4 hours	4 hours	4 hours
Display	LED (Standard)	Normal, Battery, Bypass, Programmable Outlet 1, Programmable Outlet 2, Self-Test, Battery Weak & Bad, Site Wiring Fault , Fault, Overload, and Load/Battery Level		
	LCD (Option)	Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check		
Alarm	Audible or Visual	Line Failure / Battery Low / Transfer to Bypass / System Fault		
Protection	Full Protection	Overload, Over temperature, Short circuit, Discharge, Overcharge		
Function	Multi-Mode	Normal/ ECO/ CVCF		
	DC start	Yes		
	Programmable Outlet (Option)	Yes		
Physical ****	Dimension (WxHxD) mm	180 x 280 x 380	220 x 340 x 450	220 x 340 x 550
	Weight (Kg)	~15.0	~ 30.0	~ 34.0
	Output Connection	3x IEC 320-C13 or 2x Schuko Outlets	6x IEC 320-C13 or 3x Schuko Outlets	6x IEC 320-C13 or 3x Schuko Outlets
Environmental	Operation Temperature	0- 40°C		
	Operation Humidity	0-95 % (Without condensing)		
	Altitude	1000m/3300ft without Derating		
	Noise Level	≤45dBA		
Interface	Standard	RS-232, EPO		
	Option	USB, RS485, Dry Contact Relay, SNMP/WEB Card		
	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.		
Standards and Certifications	Safety	EN62040-1, UL1778		
	EMC	EN62040-2, EN61000-3-2, EN61000-3-3, FCC Class A		
	Marks	CE, UL, cUL, FCC		

