RS PLUS-E tower

DSP-CONTROLLED ON-LINE UPS



1000VA ~ 3000VA

The RS PLUS-E tower is a sleek double conversion online UPS with premium features including a wide input voltage window and extended runtime capability for critical applications for IT equipment, routers, point of sales and servers.

PERFECT FOR:

Routers | PC & Networks | Switches | IT loads & servers

FEATURES

- Online double conversion VFI protection from 1000VA to 3000VA
- Extreme battery lifetime thanks to:
  - Wide input voltage tolerance (110-300V)
  - Wide input frequency (44-66Hz)
  - Intelligent battery management
- Optimized Output Power Factor 0.9
- Cold start to activate loads without mains
- Strong overload capability to improve Circuit Breaker's selectivity
- Intuitive LCD interface provides clear information with easy to use navigation keys
- UPS management via RS232 port or USB port
- Multiple outlets types: IEC, Schuko, Universal for various output connection
- Firmware upgradeable for updates and customization

OPTIONS

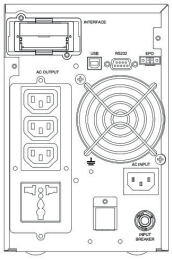
- External Battery Connector for extended runtime capability
- External matching battery cabinet
- Mini SNMP card to support real-time and web monitoring via TCP/IP

WHAT'S IN THE BOX

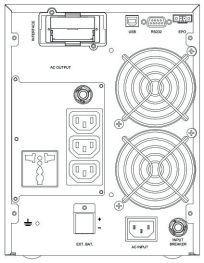
- Input power cable
- Output power cable (IEC C13 to IEC C14)
- Other Cables and Accessories are sold separately

BACK PANEL

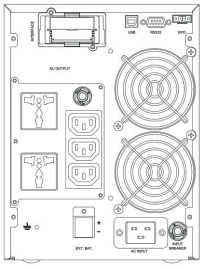
RS Plus 1000E



RS Plus 2000E



RS Plus 3000E



SPECIFICATIONS

MODEL		RS PLUS 1000E		RS PLUS 2000E		RS PLUS 3000E
INPUT	Input Voltage	220/230/240Vac				
	Voltage Range*1	110~300Vac				
	Phase	Single Phase with Ground				
	Frequency Range	44~66Hz (Auto sensing)				
	Input Power Factor	>0.98 @ 100% linear load				
OUTPUT	Capacity	1000VA/900W		2000VA/1800W		3000VA/2700W
	Output Voltage	220/230/240 Vac (Settable)				
	Output Power Factor	0.9				
	Output Voltage Distortion	<4% @ 100% Linear load <7% @ 100% non-linear load				
	Output Voltage Regulation	±1%				
	Frequency Range	±1Hz or ±3Hz (selectable)				
	Crest Factor	3:1				
	Transfer Time (AC to DC)	0ms				
	Output Waveform	Pure SineWave				
EFFICIENCY	Line Mode	>89%		>90%		>91%
	Eco Mode	>96%		>96%		>96%
BATTERY*4	Type	12V VRLA (Maintenance-free lead)				
	Number of Battery	2	3	4	6	6
	Rated Battery Voltage	24Vdc	36Vdc	48Vdc	72Vdc	72Vdc
	Uptime with internal battery at 100% load *3	≥ 5min				
	Recharge Time (to 90%)	4~6 hours				
	External Battery Connection	Option				
FRONT PANEL	LCD	Normal, Battery, Bypass, Self-Test, Battery Weak, Site Wiring Fault, Overload, Load/Battery Level				
	BUTTON (3 KEY)	ON/OFF / Enter / Function / Up / Down				
ALARM	Audible or Visual	Line failure/Battery low/Transfer to bypass/System fault				
PROTECTION	Full protection	Overload, Over Temperature, Short circuit, Deep discharge, Overcharge, Surge Protection				
FUNCTION	Multi-Mode	Normal/ECO				
	DC Start	Yes				
PHYSICAL	Dimension (WxHxD, mm)	147 x 224 x 308	147 x 224 x 388	192 x 250 x 426		
	Net Weight (kg)	8.3	10.8	16.0	20.2	20.5
	Output Connections*2	3x IEC-C13 + 1x Universal				3x IEC-C13 + 2x Universal
ENVIRONMENT	Operation Temperature	0~40°C				
	Operation Humidity	0%~90% (without condensing)				
	Altitude	1000m without derating				
	Noise Level	≤ 50dBA @ 1 meter front				
INTERFACE	Standard	RS-232, USB and EPO				
	Option	Mini SNMP/Web card				
	Compatible platforms	Microsoft Windows, Linux, Mac				
STANDARDS & CERTIFICATIONS	Safety & EMC	IEC EN 62040-1, IEC EN 62040-2				
	Marks	CE, FCC				

*Specifications subject to change without notice
*1) Based on load percentage
*2) Other outlet types are available upon request
*3) Battery capacity and configuration depends on the required uptime and load type.
*4) Ambient temperature for battery ≤ 25°C

Designed & Engineered by: Ablerex every moment counts