

## EP/EP-S

- Line interactive type ● EP
- AVR system stabilization ● EP
- Microprocessor control ● EP
- Step-Wave wave form ● EP  
(pseudo-sinusoidal)
- USB communication port ● EP-S
- Interface software ● EP-S
- Telephone/Modem protection ● EP-S

EP-S Free Software CD-ROM



## EP-SS/EP-SS.RACK

- Line-interactive technology ●
- Perfectly sinusoidal output ●
- Boost & Buck stabilization system (A.V.R.) ●
- Microprocessor digital control ●
- USB and RS232 software interface ●
- 'Hot swap' battery replacement ●
- Tel / Modem spike protection ●
- SNMP (optional) ●

Free Software CD-ROM

### RACK SOLUTION

- EP-SS RACK line interactive step-wave ●
- Sinusoidal RACK line interactive ●
- Programmable double conversion on-line RACK ●
- 'Hot swap' battery replacement ●
- Compliance & mechanical standards for networking and server 19" rack cabinet applications ●



- CONNECTIONS**
1. Power supply outlet
  2. Output outlet



### SYNOPTIC AND CONTROLS

1. Functioning/alarm signal LED
2. ON / OFF button
3. Network operation
4. Battery operation
5. Output overload
6. Audible alarm:
  - battery operation
  - Final discharge of the battery
  - Overload

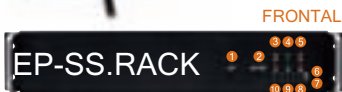


1. USB interface
2. Telephone/Modem surge protection
3. Output outlets
4. Power supply outlet
5. Filtered output

### CONNECTIONS



1. RS232 interface
2. Output outlets
3. Power supply outlet



### FRONTAL

1. OFF button
2. ON button and battery test
3. High input network
4. Input network OK
5. Low input network
6. Battery replacement
7. Charge level
8. Battery level
9. Battery operation
10. Overload



GENERAL	EP	EP-S	EP-SS						
Model	EP 600	EP 800 S	EP 1000 S	EP 1500 S	EP 700 SS	EP 1000 SS	EP 1500 SS	EP 2000 SS	EP 3000 SS
Power (VA)	600	800	1000	1500	700	1000	1500	2000	3000
Power (W)	360	480	600	900	420	600	900	1200	1800
Power (VAi)	960	1300	1600	2400	1120	1600	2400	3200	4800
Technology	LINE INTERACTIVE				LINE INTERACTIVE				

INPUT	EP	EP-S	EP-SS
Rated voltage (Vac)	230 +/- 25%		230 +/- 25%
Rated frequency (Hz)	50-60 +/- 10% (autosensing)		50-60 +/- 5% (autosensing)

OUTPUT	EP	EP-S	EP-SS
Rated voltage (Vac)	230		230
Voltage regulation	5% (in battery mode)		5% (in battery mode)
Wave form	STEP-WAVE (pseudo sinusoidal)		SINUSOIDAL
Rated frequency (Hz)	50 o 60 +/- 0.5 Hz		50 o 60
Frequency regulation			+/- 0.5 with power failure

BATTERIES	EP	EP-S	EP-SS
Type	Sealing lead without maintenance		Sealing lead without maintenance
Accessibility	-		Easy battery replacement with 'Hot Swap' front drawer
Recharge time	6 hours		6 hours
Standard autonomy	10/20 minutes (according to the load)		5/15 minutes (according to the load)
Switch on in case of power failure	-		Yes, Cold Card
Protection	Battery test & protection against overload		Efficiency test – overload and battery replacement indicator

PROTECTION	EP	EP-S	EP-SS
From overload	110% for 60 seconds - 130% for 3 seconds		-
From short circuits	With fuse		Breaker & electronic protection
From network spikes	480 Joules, 2 ms		320 Joules, 2 ms
Modem / LAN	- Telephone filter / LAN RJ45		Telephone filter / RJ45 LAN 10 T-base)

STANDARDS	EP	EP-S	EP-SS
Safety	EN 50091-1		EN 50091-1
EMC Compliance	EN 50091-2		EN 50091-2
Surge capability	IEC 801-5		IEC 801-5
Classification	-		VI - XX - 212 according to EN 50091-3

INTERFACE	EP	EP-S	EP-SS
Optical signals	-	-	Status led and led bars (charge and autonomy)
Acoustic signals	-	-	Multifrequency buzzer
Hardware	-	USB	USB + RS 232 (bidirectional port) + clean contacts
Software	-	Windows 95-98-ME-NT4.0-2000-XP-2003 Server, Novell Netware V5.x, Linux	
SNMP adapter	-	No	Internal optional
AS400 relay contact card	-	-	No

GENERAL NOTES	EP	EP-S	EP-SS
Ambient temperature	0°C - 40°C		0°C - 40°C
Relative humidity	95% (without condensate)		95% (without condensate)
Size (WxDxH mm)	97x320x135	97x320x135	130x382x192
Net weight (kg)	-	-	-
Gross weight (kg)	6.8	7.5	15

GENERAL	EP-SS-RACK
Model	600 SS-R
Power (VA)	600
Power (W)	360
Power (VAi)	960
Technology	LINE INTERACTIVE

INPUT	EP-SS-RACK
Rated voltage (Vac)	230 +/- 25%
Rated frequency (Hz)	50-60 +/- 5% (autosensing)

OUTPUT	EP-SS-RACK
Rated voltage (Vac)	230
Voltage regulation	5% (in battery mode)
Wave form	SINUSOIDAL
Rated frequency (Hz)	50 60 +/- 0.5 Hz (in battery mode)

BATTERIES	EP-SS-RACK
Type	Sealing lead without maintenance
Recharge time	6 hours
Standard autonomy	10/20 minutes (according to the load)
Autonomy expansion	Yes
Protection	Automatic test – Excessive discharge – battery replacement indicator

PROTECTION	EP-SS-RACK
From short circuits	Breaker & electronic protection
From network spikes	320 Joules, 2 ms
Modem / LAN	Telephone filter / RJ45 LAN

STANDARDS	EP-SS-RACK
Safety	EN 50091-1
EMC Compliance	EN 50091-2
Surge capability	IEC 801-5
Classification	VI - XX - 211

INTERFACE	EP-SS-RACK
Hardware	RS 232 (bidirectional port) + clean contacts
Software	Windows 95-98-ME-NT4.0-2000-XP-2003 Server, Novell Netware V5.x, Linux
USB adapter	Optional
SNMP adapter	Optional
EPO	Yes (optional)

GENERAL NOTES	EP-SS-RACK
Model	600 SS-R
Ambient temperature	0°C - 40°C
Relative humidity	95% (without condensate)
Size (WxDxH mm)	19"x425x2U
Weight (kg)	18 19 34 34 41