

# UPS

Uninterruptible Power Supplies

## S5 SERIES

700VA to 5KVA

The S5 Series is a true online double conversion UPS designed to deliver clean computer grade power with a pure sinewave output.

The unit incorporates Insulated Gate Bipolar Transistor (IGBT) High Frequency, Pulse Width Modulated (PWM) microprocessor controlled technology.

The S5 units are available in standalone and in 19" Rackmount design. RS232 communication port comes as standard.

SNMP modules are available as an option allowing integration of the UPS within a network management environment.

### MONITORING AND AUTO SHUTDOWN SOFTWARE:

- UPSMON is the monitoring software that allows you to:
- Supervise mains voltage, output voltage, load, battery charge status and other important parameters
- Automatic shutdown of the system
- Programme weekly UPS on/off times
- Personalise UPS parameters

### BATTERY EXPANSION

The standard autonomy UPS unit houses its batteries within the UPS enclosure. Increased battery autonomy options can be catered for with the addition of matching battery cabinet(s) as required.

One unique feature of this product which tends to be overlooked by other manufacturers, is the recharge time i.e. to charge the batteries from a discharged state to a 100%.

Typically a UPS unit with 8 hours autonomy would take up to 2 days to recharge. With the EPI UPS it would take between 8 to 10 hours to recharge. We achieve this by including additional battery chargers in parallel to allow faster battery charging.



### MAIN FEATURES:

- Wide input voltage window
- Small footprint
- Load bar graph on display
- Battery capacity on display
- Replace battery warning signal
- High efficiency
- No break bypass
- Programmable on/off switch facility
- Extended autonomy options
- Also deliverable in 19" Rackmount version



Protecting your interests

# TECHNICAL DETAILS

S5 Series	700	1000	1500	2000	3000	4000	5000
<b>Input</b>							
Nominal Voltage	220V-230V-240V						
Accepted Voltage	170-276 Vac						
Input Frequency	50/60 Hz Autorange $\pm$ 5Hz						
Input Power Factor	>0.93	>0.93	>0.99	>0.99	>0.99	>0.99	>0.99
<b>Output</b>							
Nominal Power	700 VA	1000 VA	1500 VA	2000 VA	3000 VA	4000 VA	5000 VA
Voltage	230V	230V	230V (selectable 220/240)	230V (selectable 220/240)	230V (selectable 220/240)	230V (selectable 220/240)	230V (selectable 220/240)
Waveform	Pure Sine Wave						
Voltage Tolerance	$\pm$ 1.5%						
Voltage Distortion	<2%						
Frequency	50 or 60 Hz Selectable						
Frequency Tolerance	$\pm$ 0.5%						
Crest Factor	3:1 (till 100% of the load)						
Overload	150% In per 2 sec						
Sockets	4 x IEC320 or 4 x UK 13A					-	Terminals
<b>System</b>							
Efficiency AC-AC	90%	90%	89%	90%	90%	90%	90%
Batteries	2/12V/7Ah	3/12V/7Ah	5/12V/7Ah	6/12V/7Ah	10/12V/7Ah	10/12V/7Ah	15/12V/7Ah
Transfer Time	0 ms (no breaks)						
Communication Port	RS232						
Protections	Excessive Battery Discharge · Over Current · Short Circuit · Over Voltage · Under Voltage · Temperature						
Noise Level	<40 dbA at 1m						
Standards	Safety EN 50091-1-1 EN 50091-2/EN60950 Electromagnetic Compatibility EN55022/B, EN55082 (IEC801-2,3,4,5)						
<b>Physical</b>							
Autonomy Minutes	6	8	10	8	10	8	8
Dimensions W x D x H (mm)	158x376x231	158x376x231	158x485x340	158x485x340	158x590x480	158x590x480	230x650x530
Weight (kg)	7	10	23	27	43	44	65

\*Extended autonomies available

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