



POWER STATION

uninterruptible power supply
single phase online - 1kVA to 3kVA



Unique in the UPS industry, AEC's Power Station, designed to offer very long autonomy (up to 17 hours) whilst taking up the least amount of space. Based upon the ultra reliable AEC NSR Series UPS, the Power Station brings high-end features and manageability to a new level.

As standard the Power Station is fitted with extra chargers giving faster battery recovery periods, a manual Bypass Switch, extra MCB's and to offer ease of manoeuvrability it's fitted with castors.

In the event of a service or system check the UPS can be switched to Bypass without disturbing the load, ensuring connected equipment can still be used. Batteries can also be changed whilst the UPS is running, again a great feature for critical sites.

Although the Power Station is built to perform the critical task of protecting your vital equipment, the design avoids unnecessary complications.

A simple, clear visual display gives an immediate indication of system status. The manual interface simply consists of two buttons: one to initiate a self-test routine, the other to toggle between on-line and bypass modes. Just connect your devices requiring protection, plug in the power lead and get on with your work!

ENVIRONMENTALLY FRIENDLY

When configured to run in 'green' mode, the NS Power Station switches to bypass when no load is present, but immediately switches back to double conversion when the load returns. This feature offers more economical operation where supply is more reliable without compromising protection to the load.

"A unique UPS, designed to give very long autonomy in the least amount of space"





POWER STATION
key features

- TRUE ON-LINE DOUBLE CONVERSION TECHNOLOGY FOR HIGH LEVEL OF PROTECTION.
- INTEGRATED SMARTCARD SLOT PROVIDING A CHOICE OF COMMUNICATIONS INTERFACES.
- RS232 AS STANDARD.
- OPTIONAL SPECIALISED UPS MANAGEMENT SOFTWARE.
- EXPANDABLE BATTERY RUN TIMES.
- FAILSAFE INTERNAL BYPASS SWITCH WITH MANUAL CONTROL.
- RAPID BATTERY RECOVERY TIMES.
- EASY TO READ VISUAL DISPLAY.
- MANUAL BYPASS SWITCH.
- SMALL FOOTPRINT.
- EASY TO MOVE CASTORS.

Our
knowledge
is your
Power

POWER STATION SPECIFICATIONS			
Model	PS1	PS2	PS3
Input	160-276V	160-276V	160-276V
Frequency	50/60Hz	50/60Hz	50/60Hz
Output VA	1000VA	2000VA	3000VA
Output Watts	700W	1400W	2100W
Voltage	200V/220V/240V selectable dipswitch from front panel		
Frequency	Auto Tracking		
Voltage Regulation	+/- 3%	+/- 1%	
Frequency Stability	+/- 0.3%		
Transient Response	+/- 5% 100% step-load		
Distortion (THD)	+/-3%	2.5% @ linear load	
Overload Capacity	50Sec @105% immediate @ 150%	Sustaining at least 120 Secs at 100-110% load,111-150% max 2 mins derating on load immediate response at 150% load. Auto transfer to UPS when overloaded.	
Crest Ratio	> 3:1		
AC.AC Efficiency	>91%		
Audible Noise	<42 dBA Typical		
Battery			
DC Operating	36V	72V	96V
Average autonomy mixed load.	1-17hr	1 to 17hr	1-9hrs
Typical Recharge time	8 Hrs to 90%		
Indications			
Fault	Indicates fault condition		
Crest Factor	LED Indicator		
Green Mode	Green Mode On		
Inverter	Inverter OK		
By Pass	Load being fed directly by mains.		
Load 25/50/75	Load Indicator		
Battery Full	LED		
Low Battery	LED		
Audible Alarm	DC Mode, Low Battery, Voltage Error, Frequency Error, High Temperature, Over Load, Fault, PFC Overload.		
Green Mode			
Activated at:	20W	60W	90W
Interface	RS232 (Standard), SNMP (Optional) DB9 connector (Optional) USB (Optional)		
Weight Kg	H1200 W600 D800 (Weights vary depending on Autonomy - Typical 150Kg)		

