



**The Smart way to tackle power failure...**



**Smart UPS with more  
than 5000 installations  
Under technical know-how  
from Powertech, Australia**

**WE** Neel established in 1979 is the market leader in the field of Servo Voltage Stabilizers & Ultra Isolation Transformers. We specialize in catering to Machine tools, Textiles, Defence, Railways, Automobiles & other industrial applications with an all India presence. Our Clients list include companies like HMT, Ashok Leyland, BAJAJ, TELCO, ESCORTS, ISRO, BHEL, L & T, Etc..... We offer you a U.P.S. with advanced PWM technology under foreign collaboration.

**OUR COLLABORATORS** Powertech Pty. Ltd. is a leading Australian Company which has gained recognition in international markets as the leader in Modular UPS technology. It is among the top 50 fastest growing companies in Australia with joint Ventures in Malaysia & China. An ISO 9001 company & OE Supplier to IBM, HP, McDonnell Douglas, Prime Computers etc. In-house R & D Department recognised by Australian Government. Power Tech is a major force in the Power Electronic Industry.

## OUR U.P.S. is different

### Easily Upgradeable :

KVA Rating can be upgraded or down-graded by addition/deletion of modules. Conversion to 3 Phase from Single Phase & Vice-Versa possible.

### Computer interface :

Can communicate with your computer system in severe Power crisis & safely shut down systems without any human intervention Remote control/Monitoring Power Quality & Data logging also possible : (optional feature)

### Maintenance Free Batteries :

Use of Sealed Maintenance Free Batteries ensure unattended operation for many years.

### Battery Modularity :

Battery Back-up Time can be increased even at Site.

### Programmable Battery Low :

Advises balance Battery power status at 5% , 25% or 75% of total Battery Capacity. This facility enables early warning of Battery discharge.

### Auto Start/stop :

Stops Automatically if an internal fault occurs or battery is discharged, to protect Battery. Reverts to inverter automatically when mains return.

### Failsafe Hybrid By-pass Switch :

For instant transfer to mains & Vice Versa. Once the load currents are within limits, the load is automatically transferred to inverter, ensuring quality power.

### Separate By-pass Input Available :

In case of mains & inverter failure, the load will be transferred to auxiliary supply, which need not be mains supply. e.g. DC sets etc.

### Indications :

UPS Status & near true RMS load indicator.

### Dimensions :

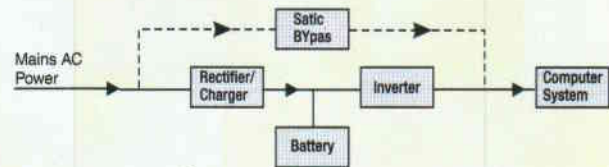
Substantially compact with smaller foot print occupying minimum floor space

### Silent Operation & Aesthetic Looks

## Technical Specifications

Input Voltage.....	170-270 V AC 1Phase/330-480 V AC 3 Phase
Input Frequency.....	47-53 Hz
Output Voltage.....	240 V AC/220/230
Dynamic Voltage Regulation.....	Within +/-4% (0-100% load)
Steady State Voltage Regulation..	±1%
Wave form.....	Sinewave
Distortion.....	< 4% THD with any single harmonic < 3%
Slew Rate.....	Less than 1 Hz Seconds
Overload Capacity.....	150% for 25 Seconds
Load Crest Factor .....	Maximum 3 at full load
Load Power Factor.....	Unity to 0.8 Lagging
Efficiency.....	High..... 86%
Battery Autonomy.....	In built upto 5 KVA for limited backup
By Pass Switch.....	Failsafe Hybrid Zero Break.
RFI Suppression.....	To AS 1044
Surge Protection.....	To IEEE587A
Ambient Conditions.....	0° - 40° C and upto 90% relative humidity.
Audible Noise.....	Less than 55 dB
Controls.....	Audible warning/mimic panel
Power sockets.....	2 Nos.

**Non Standard Voltages available on request**



## STATUS PANEL



MODEL	RATING	INPUT	WEIGHT
NP 2500	2.5 KVA	1 Phase	100 kgs
NP 3500	3.5 KVA	1 Phase	
NP 4000	4 KVA	1 Phase	
NP 5000	5 KVA	1 Phase	120 kgs
NP 6000	6 KVA	1 Phase	
NP 5000T	5 KVA	3 Phase	
NP 8000T	8 KVA	3 Phase	160 kgs
NP 10000T	10 KVA	3 Phase	

**DIMENSION : 685 x 270 x 700 mm**

## Manufactured by : NEEL POWERET

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Total Power Solutions And More...

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