



Line Interactive **UPS** with Built-in **AVR**

DUAL Functionality

APPLICATION AVAILABLE

- Personal Computer
- Active Network Equipments like Switch & Routers
- FAX, PABX and Necessary Workstation
- Laboratory Equipment
- Telecommunication Equipment
- POS Systems

Smart series Uninterruptible Power supply with built-in Automatic Voltage Regulator (AVR) & Over load protection provides regulated and clean power. Transients Brownouts and Blackouts. This highly efficient, durable, compact device ensures smooth operation of your all domestic Electronics equipments.

FEATURE & FUNCTIONALITY

- Built-in wide range Stabilizer
- Auto Frequency adjustable functionality
- Overload & Short circuit Protection
- Smart Charging System
- Low level Noise
- User replicable Battery Customization

Technical Specifications

General characteristics	Smart-600	Smart-650	Smart-800	Smart-1000	Smart-1200	Smart-1500	Smart-2000
Nominal Power (VA)	600	650	800	1000	1200	1500	2000
Active power (W)	360	390	480	600	720	900	1200
Technology	Line Interactive						
Input characteristics							
Inpute Voltage Range	140-290VAC						
Input Voltage	220 VAC						
Freequency	50 Hz (Auto sensing)						
Maximum Current	2 ~ 8.0 A (depends on nominal power capacity)						
Output characteristics							
Output Voltage	220 V ± 5/10% (Optional)						
Step of Regulation	II Boost + 1 Buck						
Wave Shape	Strpped Synchronized Wave						
Output Freequency	AC Mode 47 Hz to 53Hz for 50 Hz & 50/60 Hz ± 1Hz(Battery Mode)						
Output Connections	(3) Universal Outlet & (2) IEC 302-C13						
Power Factor	0.6						
Wave From Type	Simulated Sine Wave						
Others characteristics							
Transfer time	< 2 - 8 ms.						
Overload Capacity	110% for 5 second						
Battery characteristics							
Battery Voltage	12V			24V			
Type	Sealed lead -acid,maintaince free /Automotive exteranal (for Long Backup)						
Charger	Built -in						
Recharger Time	5 ~ 8 hours at 90% of capacity						
Intelligent Battery Door	Battery Door for tool less Battery Replacement						
Protection characteristics							
Short Circuit Protection	AC Fuse & Electronics Circuit						
Lightning / Surg Protection	175 Joules						
Indicator & Alarm System							
AC Mode	Green LED						
Charging	Yellow LED						
Backup	Red LED						
Environment Peremeters							
Relation Humidity	0 ~ 90%						
Tempereture	0 ~ 40 °C (non-condencing)						
Audible Noise	Less then 50 dB (at 1 meter)						
Mechanical characteristics							
Control Panel	LED Indicator						
Audible Alarm	Batt. Mode. Low battery, Overload, Fault, etc						
Input AC fuse (250V rating)	4 /5/6 /8 /10 10 /15 Amps						
Warranty Team							
Machine / Unit	12 /24 / 36 months						
Battery	12 /24 36 months						
*** Secification Design & Facing are subject to change without prior notice.							

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Corporate Head Office

Mannan Villa First Floor,
House No: 03, Road No: 02 Block: C
Mirpur-10, Dhaka-1216. Bangladesh.
Phone: +8809611677645.
Mobile: +88-01971573841, 01711573841
Email:powerlink.mobarak@gmail.com
Web:www.powerlink.net.bd

Chattagong Zonel Office

36/7 CDA Avenue Muradpur
Chittagong
Phone: +8809611677645
Mobile No: +8801826680080
Email:powerlink.mobarak@gmail.com
Web:www.powerlink.net.bd