

IPS

**INSTANT
POWER SUPPLY****POWER SUPPLY****INSTANT****INTRODUCTION**

Micro Control Technology Instant power supply (IPS) with built-in voltage regulator provides regulated and clean power to electric & electronic equipments and protect them from blackouts, etc.. This highly efficient, compact IPS(s) provide you to easy maintenance, smooth operation and free from hazard life.

FEATURES

- Fully Automatic
- Advance Technology
- Built-in wide range voltage regulation
- High reliability & easy maintenance.
- Low noise level, Compact size, quick & quiet operation
- Smart changing system for battery long life.
- User replaceable battery design.
- Anti fluctuation delay facility.
- Fresh environment.

APPLICATIONS

- Resident, Office, Commercial Building
- Cinema Hall, Theater, Auditorium
- Diagnosis Center, Hospital, Clinic, Chamber.
- Cable TV System
- Mobile Network system
- Fax PABX System
- CNG Station
- Garments
- Departmental Store
- Other Electronic Equipments

We are
thinking
**Comfortable
life**

Technical Data

● Model	: iPS400, iPS600, iPS1000, iPS1500, iPS2000,
● capacity	: 400VA, 600VA, 1000VA, 1500VA, 2000VA
● Technology	: MOSFET Based PWM
● Display	: LED
● Input Voltage Range	: 130V~275V AC Single Phase
● AC Mode	
● Output Voltage Range	: 220V AC +5%, 9% (at full load)
● Input Frequency	: 50/60 Hz + 5%
● Output Wave Form	: Quasi Square Wave (Synchronized)
● Inverter Mode	
● Output voltage	: 220V AC +5%
● Output Frequency	: 50/60 Hz +5% (Same as input)
● Wave form	: PWM Sine WAVE
● Transfer Time	: >10ms
● Backup Time	: 2 Hours or Above, (as per customer requirement)
● Battery	
● Charging Time	: 10~12 Hours
● Battery Type	: Automotive / Industrial
● Battery Voltage	: 12V / 24V
● Battery Life Avg.	: 5 Years
● Operating Temperature	: 5 ~ 40 C
● Operating Humidity	: 5-5% HR non-condensing



Protection : Overload, Short / circuit, Under & Over Voltage, Battery Low & Battery Over Charge, as per International safety Standard.

Note : Actual Series will be indicated with each model depending on Backup time VA rating and backup time as mentioned above are for using load.

APPROXIMATE POWER CONSUMPTION OF DIFFERENT APPLIANCES

Fluorescent Tube Light 2' with choke	: 40 Watt
Fluorescent Tube Light 4' with choke	: 60 Watt
Ceiling Fan 36" / 48" / 56"	: 80 Watt
TV B/W up to 21"	: 50 Watt
TV Color up to 21"	: 150 Watt
DVD Player & VCR	: 30 Watt
FAX / PABX / Machine (depends on Model)	: 100-200 Watt
Bulb, & CFL	: Actual Watt

Power consumption of the above appliances are calculated including approximateline heat losses of the associated components like choke of the fluorescent tube light regulator of the fan etc on average basis

Intelligent
Controlling
Multiple benefits
Complete
Satisfaction



MICRO CONTROL TECHNOLOGY

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