

Automatic Voltage Regulator



Technical Specifications

Phase	Single Phase	Three Phase
Capacity	1kVA - 30kVA or AS required	3kVA - 1000kVA or AS required
Input Voltage range	120 - 280 VAC or 140- 280 VAc	300 - 460 VAC or 260 - 460 VAC
Output Voltage	220V AC + 2%	380V / 400V / 415V + 3% or adjustable
Frequency	50 Hz	
Control System	Individual or Combin Phase Control (Servo Type)	
Correction Speed	30 - 50 Volt / Second	
Protection	High Voltage % Low Voltage, Short Circuit, Surge, Sag, Spike, Overload, Transient and Phase Missing Protection	
Correction accuracy	+ 1% + 2%+ 3% + 5%+ 7%	
Cooling System	Air Natural / Air Forced / Oil immersed	
Transient suppression	Up to 800 Volt Peak	

Instant Power Supply (IPS)

Technical Specifications

Model	IPS-400	IPS-600	IPS-800	IPS-1000	IPS-1500	IPS-2000
Capacity	320 Watt	480 Watt	640 Watt	800 Watt	1200 Watt	1400 Watt
Input Voltage	220V AC±10% Single Phase, 50 Hz					
Output Voltage	220V AC± 2% for sine wave, 220V AC + 5-10% for Square wave (quasi) 50Hz					
Protection	Over Load, Short circuit Over charge % Deep Discharge					
Wave form	Square wave (quasi) or Sine wave depends on Model					
Back up Time	2 hours % above, charging time 8-10 hours for 90% of capacity					
Battery type	SMF/Automotive / Industrial, System Voltage 12VDC/24VDC depends on Model					
Indication	AC Mains, Charging, Full Charge, Inverter, Battery Low, Overload					



IPS Load distribution on Model

Model	Capacity	Load Distribution	Power Consumption
IPS-400	320 Watt	2 Tube / 3 CFL + 2 Fan	4 Tube 60 watt
IPS-600	480 Watt	3 Tube / 4 CFL + 3 Fan	CFL 40 Watt up to 26 watt
IPS-800	640 Watt	4 Tube / 6 CFL + 4 Fan	21 CTV 100 Watt
IPS-1000	800 Watt	5 Tube / 7 CFL + 5 Fan	PC with LCD 300 Watt
IPS-1500	1200 Watt	8 Tube / 12 CFL + 7 Fan	56" Selling Fan 100 Watt
IPS-2000	1400 Watt	10 Tube / 15 CFL + 10 Fan	PC with CRT 350 Watt

