

Intelligent Power Conditioner PC 101



- PC101 is designed provide conditioned stable voltage to sensitive loads
- IGBT based design assures a correction speed of 20mS
- Protects the connected appliances from voltage surge and sag.
- Noiseless operation makes it perfect for indoor installation.

Features :



Technical Specifications :

Regulator Type	IGBT			
Response Time	10 ms			
Speed of Correction	20 ms - 1 cycle			
Output Voltage	220V / 230V			
Output accuracy	±1%			
Frequency	47 to 53Hz			
Efficiency	Above 98% (at > 20% Rated Load)			
Output Voltage Waveform	Free from any spikes / surge and EMI			
Surge Protection	Class II 25KA			
Overload Capacity	125% for 1 minute / 150% for 30 seconds			
Display / Indication	Input Voltage, Output Voltage, Output Current, Frequency			
Protection	Overload, Output High / Low voltage, Input High / Low Voltage, Short circuit protection through MCB			
Cooling	Forced air			
Colour	Black			
Dimension	430W X 450D X 133H (in mm)			
Enclosure protection type	IP 21 Indoor type			
Soft Switch On	Enabled			
Auto Bypass	Provided - Static			
Manual Bypass	Provided			
	5 KVA (5 KW)		7.5 KVA (7.5 KW)	
MODEL	IPC 5SA	IPC 5SB	IPC 7SA	IPC 7SB
Input Regulation Range	170 - 290V	185 - 275V	185 - 275V	200 - 260V
Relaxed Regulation Range	155 - 305V	170 - 290V	170 - 290V	185 - 275V
Max. Load Current	21 Amps	21 Amps	32 Amps	32 Amps
Input / Output Wire Size	6 Sq. mm		10 Sq. mm	

Applications :

- Home Theatres
- Medical Equipments
- Lab Equipments
- Welding Machines
- Gold Plating bath
- Mini Data Centres
- Residential Loads etc.,