



## POWER LINE CONDITIONER Series 2 to 10kVA

- PROTECTING
- TELECOMMUNICATION,
- SCIENTIFIC, INDUSTRIAL
- EQUIPMENT & ALL OTHER
- CRITICAL APPLICATION.



### FEATURES

- 1- Microcontroller Based Intelligent System.
- 2- Solid State & Transformer Based.
- 3- Built-in Buck-Boost Voltage Stabilizer.
- 4- Filters High Frequency Phase-to-Neutral and Ground-to-Neutral Noise.
- 5- Digital LCD Status Display.
- 6- Over Voltage Isolator against Sustained High Voltage upto 400VAC.
- 7- Overload and Over Temperature Protection.
- 8- Input Circuit Breaker.

\*Technical Specification on Next Page

## Technical Specification:

Version		Isolated		Non-Isolated	
Models	DP-2000LC	DP-3000LC	DP-5000LC	DP-7000NLC	DP-10000NLC
Ratings	2KVA	3KVA	5KVA	7KVA	10KVA
INPUT					
Input Supply	Single Phase				
Voltage (Startup)	135 to 270 VAC		160 to 270 VAC		
Voltage (Operating)	110 to 285 VAC		140 to 285 VAC		
Frequency	50 Hz				
Connection	3 core cable input			Hard-wired Screw terminals	
OUTPUT					
Voltage	225 Vac $\pm$ 7%, Single Phase				
Frequency	50 Hz				
Maximum Current	5.5A	8A	13.6A	19A	24.5A
Maximum Capacity (Watts)	1200	1800	3000	4200	5400
Connection	2 x 3 Pin Sockets			Hard-wired Screw terminals	
SURGE & NOISE SUPPRESSION					
Surge Energy Rating	300 Joules		450 Joules	600 Joules	
Over Voltage Isolator	> 130% of Nominal Voltage				
L-N Peak Clamping	820V			710V	
Normal Mode Noise	10V peak above output			-	
Common Mode Noise	< 1V above Ground			-	
OPERATING ENVIRONMENT					
Temperature	0 to 40°C				
Humidity	0 to 90% RH, Non Condensing				
GENERAL					
Technology	Microcontroller Based Tap Changing				
Power Control	Front Panel Master On/Off switch				
Cooling System	Intelligent Forced Cooling				
Audible Noise	35 to 55 dB				
Protections	Input under / Over Voltage, Transient Surges, Input Circuit Breaker/Switch, Overload, Over Temperature & Short Circuit				
LCD Display (Online)	VAC in, VAC out, Input Frequency, Load %age				
LCD Status (Protection Mode)	VAC in Too High / Too Low, Overload, Thermal Shutdown				
Dimensions (H x W x D) mm	317 x 190 x 355		317 x 190 x 432	332 x 200 x 472	
Weight (kg)	25	32.5	43.5	37	40

Product specification are subject to change without further notice.