

PLC- Series(Power Line Conditioner –Electronics Fastest Response Stabilizer)

SPECIFICATION:						
Model	Capacity (KVA)	Input Voltage(VAC)	Output Voltage(VAC)	Rated Current (A)	Dimension D x W x H (mm)	Approx. Weight (Kg)
PLC50K	50KVA	+/- 20% 380 VAC 400 VAC 415 VAC	+/- 1% 380 VAC 400 VAC 415 VAC	69	380 x 780 x 830	170
PLC80K	80KVA			110	430 x 780 x 1170	265
PLC100K	100KVA			137	430 x 780 x 1170	273
PLC150K	150KVA			206	520 x 850 x 1300	390
PLC200K	200KVA			275	520 x 850 x 1300	550
PLC250K	250KVA			343	1000 x 700 x 1500	650
PLC300K	300KVA			419	1000 x 700 x 1500	750
PLC400K	400KVA			550	1000 x 700 x 1500	890
PLC500K	500KVA			686	1200 x 800 x 1600	1100
PLC600K	600KVA			824	1200 x 800 x 1600	1400
PLC800K	800KVA			1098	1500 x 1000 x 2000	1600
PLC1000K	1000KVA			1372	1500 x 1000 x 2000	1850
PLC1600K	1600KVA			2196	1800 x 1200 x 2000	2500
PLC2000K	2000KVA			2745	1800 x 1200 x 2000	3300

GENERAL TECHNICAL SPECIFICATION

Type	PLC Electronics Control Power Stabilizer	
Input	Voltage Range	380/400/415VAC 3Ø +/- 20 %
	Frequency Range	50Hz / 60Hz
	Phase	Three Phase + Neutral + GND
Output	Voltage range	380/400/415VAC 3Ø +/- 1 % (Adjustable Voltage By Preset)
	Frequency range	Synchronized with the supply frequency (Line Mode), 50/60Hz
	Power factor	0.95
	Wave Form	Sinusoidal Pure Sine Wave / No Distortion (Isolation System, less noise)
	Phase	Three Phase + Neutral + GND
	Overload capacity	120% - 60s, 200% - 10s
Display	Full LCD Digital Display : voltage input, output, current load & etc.	
Protection	Over Voltage 436VAC, Low Voltage 320VAC, Short Circuit, Surge, Over Load, Delay, Phase Failure	
Control	Power ON / OFF - Static Contactor Switch, Display Voltage Selector Switch, Emergency Stop, Stabiliser or Bypass Selector Switch, Auto or Manual Selector Switch (increase/Reduce Voltage)	
Fast Response Time	5 – 10 ms / Volt	
Insulation Resistance	> 2M	
Features	Compensator & Auto Self Starting after Power Failure	
Electrical Strength	2000V Power frequency for 60Seconds without breakdown and flash over	
Efficiency	> 95%	
Environment	Temperature	0 – 45°C
	Humidity	10% - 90% (No Condensation)
	Audible Noise	45dB - 50dB at 1Meter
* For Custom Made PLC, Specification, Size & Weight will be Changed or as User request as possible.		

* Specifications subject to change without prior notice

Note : Isolation Transformer is Available Upon Request

