



MICRO Series (1:1)
5~12.5KVA

MACRO Series (3:1)
6~30KVA

MAXIMA Series (3:3)
6~60KVA



Today's electrical N/W cannot provide high 9 power quality. Many problems like voltage/frequency fluctuations ,harmonics,transients,blackouts,brownouts are still present. They may cause your critical and sensitive systems to fail with negative impact on your business. The `IPS' online UPS addresses all the power quality needs of today's networked economy by providing a perfect sine wave output voltage with stable frequency,over and above offering many other important customer values.

Isolation Transformer :

It provide the highest level of protection against neutral distractions and eliminates the peak(Electrical noise or instant peaks) that might appear at the phase,neutral or earth line. For example, in a rainy day if there hits a lightning at the input, the electrical noise will not be able to pass through the output voltage. As a results the load remain safe.



Front LCD Display



Rear Panel

Salient Features

- True online double conversion technology
- Wide Input voltage window
- Wide Input frequency window
- Generator compatible
- Micro Controller based intellegent design
- DSP Controlled IGBT based PWM Inverter
- User friendly digital LCD Display
- High Crest Factor circuit design
- In built Isolation Transformer
- Cold start & soft start function
- Dual I/P seperately for mains & bypass
- Manual bypass & Static bypass

Applications

- Information Technology
- Banks, Insurance & Financial Services
- Telecommunications
- Medical diagnostic, MRI, CT Scan, Cath Lab
- Process automation, Small Process
- General laboratory equipments
- Sensitive electronic equipments and devices

▶ Technical Specifications

AC Input Parameters	Nominal Input Voltage	230V/1 Phase & 415V/3 Phase+N+E
	Input Voltage	160 to 280V & 300V to 480V
	Frequency	50Hz ±20% (Can also work on Generator)
	Power Factor	≥ 0.9
AC Output Parameters	Nominal Output Voltage	230V/1 Phase & 415V/3 Phase+N+E
	Output Voltage Regulation	±1%
	Frequency	50Hz +/- 0.05Hz (Crystal Controlled)
	Power Factor	≥0.9
	Wave Form	Pure Sinewave
	Inverter Efficiency	>92%
	Harmonic Distortion	THD <2% for linear load, THD <3% for Non linear load
	Crest Factor	> 4:1
	Transient Recovery	+/- 4% Change in Output Voltage Recovery within 50 ms.
	Overload	120% for 10 minute & 150% for 1 minute
	Isolation Transformer	Inbuilt Isolation Transformer
Phase Displacement (or 3ph o/p)	120°±1°	
Audible Noise	<55db	
LED Indicators	• Mains on • Load on Battery • Battery Low • Overload • Inverter on, Fault	
LCD Display	I/P & O/P Voltage, Frequency, Battery %, Load %	
Alarms	Mains Fail, Overload, Low Battery, Inverter Fail	
Ambient Conditions	Temperature & RH 0°C -45°C & 95% RH Non - Condensing	
Protections	<ul style="list-style-type: none"> • Input Under Voltage • Input Over Voltage • Output Over Voltage • Output Short Circuit • Surge • Output Over Load • Phase Reversal Protection • DC fuse Protection • Battery Under Voltage • Battery Over Voltage • Over temperature 	
Optional Features	<ul style="list-style-type: none"> • Hot Standby Mode • Common battery configuration for hot standby mode • Static Bypass switch for automatic transfer • Serial RS232 Interface/RS485/USB/SNMP 	
Standards	Safety	IEC/EN 62040-1-1, IEC/EN 60950
	EMC/Performance	IEC/EN 62040-2, IEC/EN 62040-3, IEC/EN 61000-4, IEC/EN 60146

*Specifications are subject to change without prior notice.

Models & Ratings

Rating	Model	DC O/P	Dimension WxDxH (mm)
MICRO Series (1:1)			
5KVA	MICRO 1105L16	156 to 192VDC	295x585x530
6KVA	MICRO 1106L16	156 to 192VDC	295x585x530
7.5KVA	MICRO 117K5L16	156 to 192VDC	435x740x555
10KVA	MICRO 1110L16	156 to 192VDC	435x740x555
12.5KVA	MICRO 1112K5L16	156 to 192VDC	435x740x555
MACRO Series (3:1)			
6KVA	MACRO 3106L30	240 to 360VDC	435x740x555
7.5KVA	MACRO 317K5L30	240 to 360VDC	435x740x555
10KVA	MACRO 3110L30	240 to 360VDC	435x740x555
15KVA	MACRO 3115L30	240 to 360VDC	435x740x555
20KVA	MACRO 3120L30	240 to 360VDC	435x740x555
25KVA	MACRO 3125L30	240 to 360VDC	560x865x555
30KVA	MACRO 3130L30	240 to 360VDC	560x865x555

Rating	Model	DC O/P	Dimension WxDxH (mm)
MAXIMA Series (3:3)			
6KVA	MAXIMA 3306L30	360VDC	435x740x590
7.5KVA	MAXIMA 337K5L30	360VDC	560x865x720
10KVA	MAXIMA 3310L30	360VDC	560x865x720
15KVA	MAXIMA 3315L30	360VDC	510x1050x940
20KVA	MAXIMA 3320L30	360VDC	510x1050x940
30KVA	MAXIMA 3330L30	360VDC	510x1050x940
40KVA	MAXIMA 3340L30	360VDC	510x1050x940
50KVA	MAXIMA 3350L30	360VDC	620x1250x940
60KVA	MAXIMA 3360L30	360VDC	920x1250x940

Our Other Products:

Servo Stabilizer, DSP Sinewave Home UPS, Chemical Gel Earthing, Isolation Trx, Battery Charger, Converter & Battery



Indo Powersys Pvt. Ltd.

An ISO 9001, 14001, 45001, 27001, 50001, RoHS, BIS & CE Certified

J-1249, Phase-III, Sitapura, Industrial, Area, Jaipur-22

Email: info@ips2k.com, indopowersys@gmail.com

Ph.: 0141-2771421, Service Hotline No. 9928014076



TECHNOLOGY FOR THE NEXT MILLENNIUM