

 TSI ELECPower (P) LTD., C1B - 212, GIDC WAGHODIA, VADODARA, GUJARAT, INDIA - 391760 e-Mail : info@tsielecpower.com Ph: +91-8306464647 +91-2668-262122		Specifications Sheet: ILc - Isolation Line Conditioners, Single Phase Standard Models				
Category	Feature	Single Phase Models				
		ILc-1000-9230	ILc-2000-9230	ILc-3000-9230	ILc-4000-9230	ILc-5000-9230
Input	Capacity in VA/W	1000	2000	3000	4000	5000
	Nominal AC Input Voltage	230 vac				
	Operating Input Voltage Range	200~260 vac				
	Operating Input AC Frequency Range	47~63 Hz				
	Maximum AC Input Current	5A	10A	15A	20A	25A
	Double Pole Input ircuit Breaker Capacity	6A	10A	16A	20A	25A
	AC Input Connector	3 position terminal block (for L1, L2 and Earth Ground input wires)				
Output	Design Topology	Isolation Transformer based AC power conditioner with MOV based surge protector & noise filter.				
	Nominal Output Voltage	230 vac				
	Output Voltage Range	200~260 vac (designed to give output voltage equal to input voltage at full load)				
	Rated Maximum Output Current at Nominal Output Voltage	4.3A	8.7A	13A	17.4A	21.7A
	Source Grounding	One side of the isolation transformer's output winding is bonded to earth ground, creating a new perfect neutral output				
	Power Efficiency	95% (typical)				
	AC Output Connector	3 position terminal block (marked as Line, Neutral and Earth Ground)				
Status Indication	Green LED	A green LED indicates presence of 230 vac output				
Mechanical	Enclosure	Self-standing type Enclosure, rated at NEMA 1 (IP 23), suitable for indoor use. Leave sufficient space all around for natural air cooling.				
	Dimensions (mm)	240Wx155Hx415 L	350Wx275Hx450L	350Wx275Hx450L	350Wx350Hx450L	350Wx350Hx450L
	Weight	15 kg	25 kg	35 kg	45 kg	55 kg
Environmental	Cooling Method	Convection cooled				
	Operating Altitude	0 to 3000 meters above sea level (without derating)				
	Operating Temperature	0 to +40 deg. C (Output must be derated by 20% if operating temperature is between +40 and +55 deg. C)				
	Operating Humidity Range	10 to 90% (non-condensing)				
Input Surge Voltage Immunity	Test Conditions	ANSI/IEEE C62.41-1991 6kV, 3kA, Category B3				
	Maximum Remnant Voltages	L-N: 250V, L-G: 250V, N-G: 0.5V				
Warranty	Warranty period	5 years (parts and factory labor)				
Note	Above models can also be supplied as VRp- ILc models, integral with VRp, to provide the highest quality conditioned power. For VRp-ILc models, the weights & overall volumetric sizes will somewhat increase. Please ask.					