

ONLINE UPS WITH GALVANIC ISOLATION

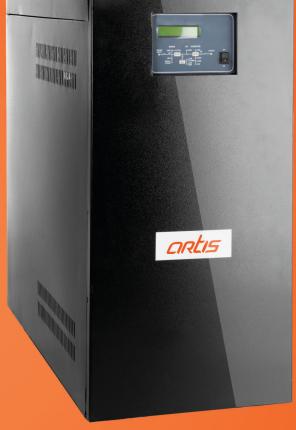
(TRANSFORMER BASED) 1 KVA TO 350 KVA

Features

True Online Dual Conversion UPS

- Near unity input power factor

Variants



Online (LF) UPS has following few application areas



Office Automation



Centres



Green Building Management



Educational Institutes



Banks



Telcom



Satellite

equipment • Colour Lab equipment • Photo Copying Machines • Printers and Plotters • Embroidery Machines • Medical equipment Diagnostic/Lab equipment • Ultra Sonic Sonography Machines • ATM Centres



(First year parts and labour, 2nd year parts only)

Items in the box: 1 UPS, AC Power cord,

Technical Specifications



Model		1:1	3:1	3:3
		5KVA to 10KVA	10KVA to 30KVA	3KVA to 300KVA
Input	Range	170 to 265VAC	345 to	475VAC
	Phase	Single Phase	Three Phase with Neutral	
	Frequency		47 to 53Hz	
	Power Factor	>0.8	>0.92	
Output	Capacity KVA	5/7.5/10	10/15/20/25/30	3/5/10/15/20/ 25/30/40/45/50/60/ 75/80/100
	Voltage	220/230/240VAC 400/415VAC		
	Regulation	+/-1%		
	Power Factor	0.8 lagging		
	Crest Factor	3:1		
	Frequency	z50 OR 60Hz, +/-0.1%		
	Waveform	True Sine Wave		
	Harmonic Distortion	THD < 3%		
	Over Load	150% for 30 seconds		
	Transient Response	+/-5% from no load to full load		
	Response Time	Recovery to +/-2% within 5 msec		
Battery	Voltage	5/6/7.5/10KVA: 180V	180V10KVA: 240V 15/20/25/30KVA: 360V	3/5KVA: 180V 10KVA > 360V
	Ripple	<2%		
	Туре	VRLA Sealed Maintenance Free (SMF)/Lead Acid Tubular (Flooded Type)		
	Isolation	DC Circuit Breaker		
Efficiency	Inverter	>92%		
	Overall	>85%		
Protection	Input	Over Voltage and Under Voltage		
	Input	Single Phase and phase reverse		
	DC	Over Voltage and Under Voltage		
	Charger	Over Current		
	Output	Over Voltage, Under Voltage, Over Load, Short Circuit, Over Temp.		
Audible Alarm	'	Rectifier Trip, Over Load, Mains Fail, Battery Low and System Trip		
Metering		Multifunction LCD displaying following parameters with mimic diagram Input Voltage and Current, Input Frequency, Battery Voltage, Battery Charging/discharging Current, Output Voltage, Current, Frequency		
Physical	Dimensions (WxDxH) mm	5/6/7.5/10KVA: 325 x 675 x 675	10KVA: 325 x 675 x 675 15/20/25/30KVA: 400 x 800 x 8503K	3KVA/5KVA: 300 x 700 x 750 10/15KVA: 400 x 800 x 850 20/25/30/35KVA: 400x900x950 40KVA: 550 x 900 x 1200
	Enclosure	MS Powder Coated confirming Ip21		
Environment	Operating Temperature	0 to 45 Deg C		
	Storage	-10 to 70 Deg C		
	Humidity	Up to 95% RH (Non Condensing)		
	Cooling	Forced Air Cooling		
	Noise	<55dB	<60dB	<65dB
	Altitude		<3000mtr above sea level	

^{*}Specifications subject to change without prior notice

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