



SPECIFICATION FOR LUMINOUS PLATINUM PLUS SERIRES

	PLATINUM PLUS			PLATINUM PLUS EXTN			PLATINUM PLUS	
Model	PLM 10	PLM 20	PLM 30	PLM 10 EXT	PLM 20 EXT	PLM 30 EXT	PLM 75	PLM 120
Capacity	1 KVA/700W	2 KVA/1400W	3 KVA/2100W	1 KVA/700W	2 KVA/1400W	3 KVA/2100W	7.5 KVA/4.9KW	12 KVA/8KW
Input								
Rated Voltage				230VAC Single Phase				
Voltage Range	160V(Full Load);130V-160V-160V(70% load						156V-280V(Full Load);120V-156V(70% load)	
Frequency	50Hz +/-4.8Hz						50Hz +/-5Hz (Programmable	
Power Factor	>0.97						>0.99(at normal line & full load)	
Output								
Inverter Design Principle				PWW IGBT with microprocessor control				
Voltage				220V/230 V/240 V Single Phase				
Regulation				nominal +/-2%				
Frequency	50Hz +/-0.05Hz						50Hz +/-0.5Hz	
Wave Form				Pure sine Wave				
Total harmonic Distortion				<3% on liner load;6% on computer load				
Crest Factor				3 to 1				
Overload Capacity	105%-125% for 3 min; 125%-150% for 30sec;>150% for 1sec						125% for 1 min,150% for 30secs;150% for 16 cycles	
Battery								
DC Voltage	36V	72V	72V	36V	72V	72V	240VDC	240VDC
Battery AH Capacity	7AH	7AH	9AH				to be selected depending upon backup time	
Battery type				Sealed Maintenance free lead acid type				
Maximum Charging current				4.5A	4.5A	4.5A		
Max. Recommended (External) Battery				3x12V65AH	6x12V65AH	6x12V65AH		
LED/Alarm Indication								
LED status	On-line,Bypass;On-battery low,Fault,ballery Replace,batterylevel,Load Level						Normal, Battery, Bypass, Fault	

Alarm		Buzzer					
Interface DB9		Standard RS 232/Dry contact					
SNMP Slot		Optional					
Dry Contact				Standard			
Environmental							
Operating Temperature		0-40 deg C					
Humidity	0% to 9% (non-condensing)			5% to 95% (non-condensing)			
Noise Level	40dBA	42dBA	42dBA	42dBA	<53dBA	<55dBA	
Dimensions (WxDXH)mm	140 x 363 x 242	140 x 422 x 373	140 x 363 x 242	140 x 422 x 373		563 x 444.5 x 130.6	
Weight	15Kg	29Kg	8.1Kg	15.2Kg	15.2Kg	20.5Kg	24.5Kg