

LUMINOUS

Experience a
**higher
power**



2KVA - 10KVA

High KVA Sine wave UPS 2KVA - 10KVA

We, at Luminous, are dedicated to provide quality, uninterruptible power supply for households and commercial establishments. Our Higher Capacity Sine wave UPS series, with dependable, synchronised and alleviated sine wave output, is a comprehensive power backup system suitable for all types of commercial establishments.

We have worked meticulously to create Sine wave UPSs which provide special protection to sensitive appliances. These offerings supply pure power and are absolutely safe to run most high-end and sensitive office and household equipments.

Load Chart

LOAD CHART 2KVA / 24V				
OPTION	A	B	C	D
53 cm CRT Television	1	1	1	-
Tube Light	10	8	12	-
Fan	8	8	5	-
23W CFL	-	-	-	-
PC with 43cm LCD	1	-	2	-
1.5 TON AC	-	-	-	-
170L Refrigerator	-	1	-	-

LOAD CHART 2.5KVA / 36V				
OPTION	A	B	C	D
53 cm CRT Television	1	1	1	1
Tube Light	12	9	12	-
Fan	10	9	8	8
23W CFL	-	-	-	15
PC with 43cm LCD	1	-	2	2
1.5 TON AC	-	-	-	-
170L Refrigerator	-	1	-	-

LOAD CHART 2.5KVA / 48V				
OPTION	A	B	C	D
53 cm CRT Television	1	1	1	1
Tube Light	12	9	12	-
Fan	10	9	8	7
23W CFL	-	-	-	20
PC with 43cm LCD	1	-	2	2
1.5 TON AC	-	-	-	-
170L Refrigerator	-	1	-	-

LOAD CHART 3.5KVA / 48V				
OPTION	A	B	C	D
53 cm CRT Television	1	1	1	1
Tube Light	30	28	8	-
Fan	9	10	8	10
23W CFL	-	-	-	15
PC with 43cm LCD	1	-	-	-
1.5 TON AC	-	-	1	1
170L Refrigerator	-	1	1	-

LOAD CHART 5KVA / 96V				
OPTION	A	B	C	D
TV	1	1	-	-
Tube Light	32	10	-	-
Fan	0	13	-	-
23W CFL	-	-	-	-
PC with 43cm LCD	-	-	-	-
1.5 TON AC	1	1	-	-
170L Refrigerator	-	-	-	-

LOAD CHART 6KVA / 120V				
OPTION	A	B	C	D
53 cm CRT Television	1	-	1	-
Tube Light	20	20	15	-
Fan	5	12	12	-
23W CFL	30	-	-	-
PC with 43cm LCD	-	-	2	-
1.5 TON AC	1	1	1	-
170L Refrigerator	-	1	-	-

LOAD CHART 7.5KVA / 120V				
OPTION	A	B	C	D
53 cm CRT Television	-	1	1	-
Tube Light	10	10	20	-
Fan	8	8	15	-
23W CFL	25	-	58	-
PC with 43cm LCD	-	1	1	-
170L Refrigerator	1	-	1	-
0.8 TON AC	-	-	1	-
1.5 TON AC	1	1	-	-

LOAD CHART 10KVA / 180V				
OPTION	A	B	C	D
53 cm CRT Television	1	-	-	-
Tube Light	20	32	-	-
Fan	8	12	-	-
23W CFL	30	15	-	-
PC with 43cm LCD	1	-	-	-
1.5 TON AC	1	1	-	-
170L Refrigerator	1	1	-	-

Other applications upto 5KVA : Petrol Pump with Nozzle, Photostat Machine, Dental Machines, Clinics, Shops, Showrooms, Embroidery / Sewing Machines, Air Conditioners, Room Coolers, Refrigerators, Water Motor, Led T.V, Office and IT Applications.

Other applications upto 10KVA : Petrol Pump with Nozzle, Photostat Machine, Dental Machines, Clinics, Shops, Showrooms, Embroidery / Sewing Machines, Air Conditioners, Room Coolers, Refrigerators, Water Motor, Led T.V, Ellivators, Office and IT Applications.

*The number of above applications can be run at the higher quantity in 6, 7.5 & 10KVA

Recommended Load	3.5KVA / 48V	5KVA / 72V	6KVA/120V	7.5KVA/120V	10KVA/180V
Fuel Pump Filling Station Nozzle					

*This load chart is according to running load capacity * Specification are subject to change without to prior notice.

*The company does not take liability consequential damages

Luminous 2KVA - 10KVA Sine wave UPS

TECHNICAL SPECIFICATION

2KVA					5 KVA						
Rating	2KVA	2.5KVA	3.5KVA	Rating	5 KVA	6KVA	7.5KVA	10KVA			
Input	Regulated UPS Mode				Input	Regulated UPS Mode					
	Undervoltage	180 +/- 5 V				Undervoltage	180 +/- 5 V				
	Undervoltage Restoration	185 +/- 5 V				Undervoltage Restoration	185 +/- 5 V				
	Overvoltage	260 +/- 5 V				Overvoltage	260 +/- 5 V				
	Overvoltage Restoration	255 +/- 5 V				Overvoltage Restoration	255 +/- 5 V				
	Unregulated UPS mode					Unregulated UPS mode					
	Undervoltage	100 +/- 10 V				Undervoltage	140 +/- 5 V				
	Undervoltage Restoration	115 +/- 10 V				Undervoltage Restoration	150 +/- 5 V				
	Overvoltage	285 +/- 10 V				Overvoltage	280 +/- 5 V				
	Overvoltage Restoration	270 +/- 10 V				Overvoltage Restoration	270 +/- 5 V				
Output	Maximum Power	2KVA	2.5KVA	3.5KVA	Output	Maximum Power	5 KVA	6KVA	7.5KVA	10KVA	
	Voltage (UPS Mode)	230 V Nominal				Voltage (UPS Mode)	230 V Nominal				
	Voltage (Mains Mode)	Same as Input				Voltage (Mains Mode)	Same as Input				
	Frequency (UPS Mode)	50 Hz. +/- 2 %				Frequency (UPS Mode)	50 Hz. ± 2%				
	Frequency (Mains Mode)	Same as Input (45-55 Hz.)				Frequency (Mains Mode)	Same as Input (45-55 Hz.)				
	Overload	> 110 %				Overload	> 110 %				
	Transfer Time (typical a.s.)	10 ms				Transfer Time (typical a.s.)	10 ms				
Battery	Type (Lead Acid)	120Ah-240Ah		120Ah-240Ah	Battery	Type	120 AH- 150AH Lead Acid Type				
	Number	2	3/4	4		Number	8	10	10	15	
	Typical Recharge Time	10-12 Hrs.				Typical Recharge Time	10-12 Hrs				
	Protection	Low Battery, Reverse Polarity				Protection	Low Battery, Reverse Polarity				
Display	UPS ON	ON			LCD Display	Input undervoltage	Mains Low				
	Battery Low	LO				Input over voltage	Mains Hi				
	Mains On	AC				Low Battery Pre-Alarm	Caution Low Battery				
	Smart Charge	CH				Overload	Trip Overload				
	Battery Charged	99%				Battery Low	Trip Battery Low				
	Overload	OL (Steady)				Short Circuit under UPS Mode	Short Circuit				
	No Load	NL				Short Circuit under Mains Mode	Input MCB Trip				
	Overtemperature	EH				Overtemperature	Thermal shutdown				
	Short Circuit under Battery Mode	OL (Blinking)				Input MCB Trip	Input MCB Trip				
	MCB TRIP or Short Circuit under Mains Mode	bt				Low Battery Pre-Alarm	One beep every 10 seconds				
Alarms	Low Battery Pre-Alarm	One beep every 10 seconds			Alarms	Low Battery	Continuous for 10 seconds				
	Low Battery	Continuous Beeping				Overload	Continuous for 10 seconds				
	Overload	Continuous Beeping				Short Circuit	Continuous				
	No Load Shut Down	Continuous Beeping				Mains MCB Trip	One beep every 12 minute				
Environmental	Operating Temperature	0-40°C (32-104°F)			Environmental	Operating Temperature	0-40°C (32-104°F)				
	Storage Temperature	0-40°C (32-104°F)				Storage Temperature	0-40°C (32-104°F)				
	Humidity	0-95 % RH non -condensing				Humidity	0-95% RH non-condensing				
Outer appearance	Weight (Kg)	22.25	23	31.9	Outer appearance	Weight (Kg)	59.2	63.2	64	91.85	
	Dimension (LxWxH)	280x305x280		280x305x380		Dimension (LxWxH)	588x341x347		600x350x360	625x345x510	

Due to continuous product improvements, specs are subject to change without notice.

Founded in 1988, Luminous Power Technologies (P) Limited today is a leading company with a differentiated portfolio of solutions for packaged power, diversified generation, electrical control & safety and energy optimisation.

With over 5000+ employees, 7 manufacturing units, 28 sales offices and more than 40000 channel partners; Luminous apart from its dominating position in the domestic market also has a strong foothold worldwide. Awarded with the 'Global Superbrands' status for the year 2011-12, ISO 50001:2011 certification and MNRE:CRISIL recognition, Luminous is passionately committed to bring uninterrupted and alternate power solutions to the customers that makes their life comfortable and efficient.



Rating "A+ Stable - CRISIL, the renowned credit rating agency has rated the bank facilities of Rs. 283 crores (incl. proposed limits) enjoyed by LPT as "A+ Stable" based on audited results of FY 2007-08, estimates of FY 2008-09 and projections for 2 years (only company with this rating)



Quality Systems as per ISO 9001-2000 "Quality approvals from many Telecom, Government, Defense and Computer companies in India."



Luminous received the highly coveted Frost & Sullivan Award, marking its global presence



Winner of Four Consecutive Consumer World Awards*

