LOAD CALCULATION CHART FOR VARIOUS ELECTRICAL APPLIANCES

KIRANOTICS®

SOLID STATE VOLTAGE STABILISERS UPS & INVERTERS

APPLIANCES		LOAD	NOS	TOTAL LOAD
	Mixer Grinder	Rated VA or 500 VA		
	Computer	350 VA		
	Television(TV)	125 VA		
	VCR/DVD/VCD	50 VA		
	Washing Machine	Rated VA or 1000 VA		
	Refrigerator	300 VA		
	Microwave Oven	1500 VA		
	Toaster	Rated VA or 1000 VA		
	Iron	Rated VA or 1000 VA		
	Geyser	Rated VA or 2000 VA		
	Fan	100 VA		
	Bulb	Rated VA or 100 VA		
	Tube Light	60 VA		
	Immersion Rod	Rated VA or 2000 VA		
	Cooler	Rated VA or 300 VA		
	Motor Pump 1 HP	2000 VA		
	Motor Pump 1/2 HP	1000 VA		
	Tullu Pump Small Size	250 VA		
	Jet/Summersible Pump	2000 VA		
			Total	
			+20% For Contigent	
			Grand Total	

KIRANOTICS ISO 9001 COMPANY

COMPANY'S OTHER MOST VALUABLE PRODUCTS

5 KVA AUTO STABILISER

7.5/10 KVA AUTO STABILISER

460VA/750VA/1350VA INVERTER

- Load of all electric terms is based on company's own specification. For stabiliser capacity calculation is on average basis.
- Any dispute and challenge regarding load calculation not acceptable.
- These load figures have given for the information for stabiliser capacity calculation only.
- Stabiliser capacity can be calculated with the help of Ampere meter. In that case 1KVA=4Amp(at 250 Volts).
- For converting Watts to VA (0.8x1KVA=800 watts) in general cases excluding motors on basis of 0.8 P. F.
- For Air Conditioner, separate stabiliser 4,5 or 6 KVA, as per capacity of A. C. (1 Ton, 1.5 Ton, 2 Ton)should be installed.
- In the event of installation of one Stabiliser for individual item, Please add 20% or more with average load.
- 1hp=746Watts not VA. For VA 1hp.=746 W/ Power Factor /efficiency.

now forget voltage fluctuation Problem

SYMBOL OF KIRANOTICS © MADE IN INDIA

KIRANOTICS®

SOLID STATE VOLTAGE STABILISERS UPS & INVERTERS

Are you facing voltage fluctuation problem at your residence, shop, office or factory? If yes, you can try installation of **KIRANOTICS SOLID STATE VOLTAGE STABILISER** for solving this problem. We feel sure your problem will come to an end for ever. With its installation, you can fully utilize your appliances, which you have not been able to utilize due to voltage fluctuation.

KIRANOTICS SOLID STATE VOLTAGE STABILISER in different models, types and in different voltage ranges can solve your low voltage problem from 80V and higher voltage problem up to 350V in single phase input.

When your Bulbs and Tubes are not glowing brightly. Fans/Coolers not delivering sufficient air and electric appliances not working properly due to low voltage, or bulbs/tubes get fused, Fans/Coolers/ Electrical appliances burn out due to high voltage. In such situation installation of the **KIRANOTICS SOLID STATE VOLTAGE STABILISER** on the main line will solve these problems.

Now, you have made up your mind to install a Stabiliser on the main line. At this stage you face the problem of knowing the proper capacity of the Stabiliser to be installed. For this, you will find a chart on this back, which by filling yourself, you will instantly know the capacity of the stabiliser required for your premises. Our production range of Voltage Stabiliser for Main Line.

PARTICULARS	MANUAL VOLTAGE STABILISER	AUTOMATIC VOLTAGE STABILISER
INPUT VOLTAGE	80 TO 290 VOLTS 110 TO 290 VOLTS 110 TO 350 VOLTS 140 TO 290 VOLTS 140 TO 350 VOLTS	80 TO 290 VOLTS 110 TO 290 VOLTS 110 TO 350 VOLTS 140 TO 290 VOLTS 140 TO 350 VOLTS 180 TO 350 VOLTS (TWO PHASE)
OUTPUT VOLTAGE	200 TO 250 VOLTS	200 TO 250 VOLTS
CAPACITY	3,4,5,6,7.5, & 10 KVA	3,4,5,6,7.5, & 10KVA
TYPE	MS-3 (HIGHER SIDE CUT-OFF)	LR-3 (HIGHER SIDE CUT-OFF)

Servo Voltage Stabiliser are also Available for Main Line,
We recommend Solid state Automatic Voltage Stabiliser On main line to avoid inconvenience caused by Manual Voltage Stabiliser.
Note: 1. Proper 'Neutral' is MUST for stabiliser.
2. Voltage Stabiliser will work properly on low voltage input, but on load input voltage should not drop abnormally.
For Air Conditioner, Double phase Voltage Stabiliser is more Suitable in the absence of Nutral.

Other Products : CVT, UPS & Power Inverter, Electronic Alarm for Generator & Water Level Switch etc.

KIRANOTICS ISO 9001 COMPANY

KIRANOTICS India sales

www.ydarts.com