



**A Trusted and Time Tested**

# **RESIDENTIAL PRODUCTS**



## AUTOMATIC VOLTAGE STABILIZER



Model	V - SHIELD	V - SAFE
Capacity	300VA - 8KVA	
Boost level	▣ Single   ▣ Double   ▣ Triple   ▣ Quad   ▣ Penta	
User interface	LED Indicators   7-Segment LED Display	
Mounting	▣ Wall Mounted   ▣ Floor Mounted	
Control	▣ Microcontroller Based	
Application	▣ TV   ▣ Fridge   ▣ Washing Machine   ▣ Air Conditioner	
Output Voltage	▣ 200 - 240V AC	
Input Voltage	90-280V   120-280V   130-280V   140-280V 150-280V   160-280V   170-280V   185-280V	
Standard	IS 8448 - 1989   IS 302 - 1973	

## AUTOMATIC CHANGE OVER SWITCH



Model	Prime	Master
System	3-Ph, 4-W, 415VAC, 50HZ	
Type	▣ Automatic   ▣ Automatic + Manual	
User Interface	▣ LED Indication   ▣ 7- Segment LED Display	
Mounting	Wall mounting	
Switching Device	▣ Relay   ▣ Contactor	
Application	▣ Residential   ▣ Commercial (Suitable only for Single Phase loads)	
Current	▣ 75A   ▣ 90A   ▣ 120A   ▣ 180A   ▣ 270A   ▣ 360A	
Standard	IS302 - 1973	

## HOME UPS



Model	Gridlock Series   Gridlock+ Series   Greenlock Series
Output Waveform	▣ Pure Sine Wave   ▣ Square Wave
Battery Voltage	▣ 12VDC   ▣ 24VDC   ▣ 36VDC   ▣ 48VDC
Output Voltage	220V - 240V
Mounting	▣ Wall Mounted   ▣ Table top
Capacity	▣ 650VA   ▣ 1000VA   ▣ 2KVA   ▣ 3KVA   ▣ 5KVA
Application	Residential   Commercial
Charge Current	▣ 10A   ▣ 15A   ▣ 20A   ▣ Adjustable
Standard	16242 (Part1) :2014

## EB METERING PANEL



Model	▣ GL   ▣ GU   ▣ GS   ▣ GJ
System	▣ 1 Ph, 2-W, 230VAC   ▣ 3 Ph, 4-W, 400VAC   ▣ 1Ph, 2-W + 3-Ph, 4-W
Type	▣ Horizontal   ▣ Vertical
Output Protection	▣ MCB   ▣ SDF   ▣ COS   ▣ Isolator   ▣ MCCB   ▣ ELCB
Mounting	▣ Floor Mounting   ▣ Wall mounting
No. of Services	▣ 1   ▣ 2   ▣ 3   ▣ 4   ▣ 5   ▣ 6   ▣ 7   ▣ 8   ▣ 9   ▣ 10
Application	Industrial   Commercial   Residential
Current	▣ 32A   ▣ 40A   ▣ 63A   ▣ 100A
Standard	IEC 62052 - 31

## SERVO CONTROLLED VOLTAGE STABILIZER



Model	Prime	Master   Elite
System	▣ 1-Ph, 2-W, 230VAC, 50HZ	▣ 3-Ph, 4-W, 400VAC, 50HZ
Type	▣ Air Cooled	▣ Air Cooled   ▣ Oil Cooled
Input Voltage	▣ 170-270V, ▣ 140-270V, ▣ 195-280V	▣ 240-465V, ▣ 295-465V, ▣ 340-480V, ▣ 360-480V
Output Voltage	▣ 220V, ▣ 230V, ▣ 240V	▣ 380V, ▣ 400V, ▣ 415V
Regulation	▣ ±1%, ▣ ±2%, ▣ ±5%,	▣ ±7.5%
Application	▣ Residential	▣ Industrial
Transformer Winding	▣ Aluminium EC Grade	▣ Copper ETP Grade
Standard	IS 8448 - 1989	

## AUTOMATIC WATERLEVEL CONTROLLER



Model	Master	Prime
System	▣ 1 Ph, 2-W, 230VAC	▣ 3 Ph, 3-W, 400VAC, 50HZ
User Interface	▣ LED Indications+Keys   ▣ 7Segment LED display+Timer+Keys	
Mounting	▣ Wall Mounting	
Sensor type	▣ Traditional SS 304 Sensors	▣ Float Switch
Pump type	▣ Jet   ▣ Mono block   ▣ Submersible	
Application	▣ Villas   ▣ Apartments   ▣ Lodges&Hotels   ▣ Commercial complex	
Types of liquids	Any liquids (Sp. Gravity of upto 1.2 @ 120 C) *	
Standard	IS 302 - 1973	

## AUTOMATIC WATERLEVEL CONTROLLER WITH STARTER PANEL



Model	Master   Prime
System	1 Ph, 2-W, 230VAC, 50HZ   3 Ph, 3-W, 400VAC, 50HZ
Type	DOL Starter   Submersible starters
User interface	LED Indicators+keys   7-Segment LED Display+timer+keys
Sensor type	Traditional SS 304 Sensors   Float Switch
Capacity	0.5hp   1hp   1.5hp   2hp   3hp
Application	Villas   Apartments   Lodge & Hotels   Commercial Complex
Mounting	Wall mounting
Standard	IS 302 - 1973

## EARTHING ELECTRODE / PIPE



Model	MINMANN
Material	MS   Copper   Brass   Stainless steel   GI pipe
Diameter,mm	14   17.2   25   32   42   48   80   100
Length	1m   1.2m   1.5m   2m   2.5m   3m
Coating	100 mic   120mic   150mic   250mic
Plating type	Zinc   Copper   HDG   Pre-Galvanised
Peak Current	20KA   40KA   50KA   75KA   100KA
Fault Current	15KA   20KA
Application	Commercial   Industrial   Utility

## DISTRIBUTION BOARDS



Model	Classic	Deluxe
Number of ways	02   04   06   08   10   12	
Material Type	CRCA metal   ABS/PC	
System	SPN DB   TPN DB   Vertical DB   TPB with selector DB	
Color	Ivory   Milky White   Light grey	
Arrangement	Single door   Double door	
Application	Residential   Industrial   Commercial	
Mounting	Wall flush mounted   Wall mounted	
Standard	IS302 - 1973	

## LIGHTNING ARRESTORS



Model	IRAVAN
Technology	Conventional   ESE
Material	MS   BRASS   COPPER   ALUMINIUM   SS
Spike type	Single   Multiple   Self Induced
Plating type	Zinc   Copper   Nickel   HDG
Radius	2 to 10meters   upto 107 mtrs
Protection level	Level 1   Level 2   Level 3   Level 4
Capacity	upto 50 KA peak   100KA peak
GI mast	1m   2m   3m   4m   5m   6m   8m
Application	Residential   Commercial   Industrial

## EB - DG CHANGEOVER SWITCH



Model	Master
System	EB: 3-Ph+DG:3-Ph   EB:3-Ph+DG:1-Ph   EB:1-Ph+DG1-Ph
Type	Automatic   Automatic + Manual
User interface	LED indication
Mounting	Wall mounting
Switching device	Relay   Contactor
Application	Residential   Commercial (Suitable only for Single phase loads)
Current	20A   30A   40A   50A   60A
Standard	IS 302- 1973

## EARTHING MINERALS



Model	GEC   GEC+   GEC++
Capacity	10kg   15kg   25kg
Mixture	Bentomite   Carbon   Graphite based
Suitability of soil	Dry   Moisture   Wet   Sandy   Rocky
Purity	98.5%
Resistance	<1 ohm
Application	Residential   Utility   Industrial
Material form	Powder   Granules   Liquid
Standard	IEC 62567 - 7   62561 - 7

## SOLARE BoS KIT



Model	Classic	Deluxe
MMS	Alu.Rails	Pre Galvanised MS
Earthing System	Solar A.JB	Solar DCDB
Solar DB	DC wires, XLPO	AC Wires, Cu. FRLS
Wires	Cu. Bonded Rods	GI Pipes
Lightning System	Single spike LA	Multi spike LA
Electrical accessories	MC4 Connectors	UV Cable ties
Fastners	MS 4.6	MS 8.8
Plumping accessories	HDPE pipes	Flexible hose

## EARTHING ACCESSORIES



Conductor Material	GI	CU	AL	CBR
Conductor Type	Bare wire	Insulated wire	Stripes	
Chamber Material	FRP	MS	Concrete	
Chamber Type	Round	Rectangular	Square	
Insulator Materials	Epoxy	DMC	Ceaeamic	
Insulator Type	Strip Insulator	T insulator		
Mast Materials	HDG MS	Pre- Galvanised MS		
Mast Height	1m	2m	3m	4m



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