

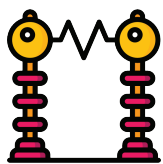
**A Group of
VP ELECTRONICS**



INNOVATE POWER
Total Solution of Power Electronics

POWER

ELECTRONICS EQUIPMENT



We value, challenge and reward our people.



Our Vision & Values

Our Vision is to design and manufacture world class Power Electronic, Electrical & Electromechanical equipment to highest quality and reliability standards for different industrial applications.

It gives us a sense of direction and destination. It captures our aspiration of being the best in everything we do. It is the basis for what we all stand for as one company. Our vision and our values guide the choices and decisions our employees make every day. We put our customers at the centre of what we do.

Innovate Power as the name suggests started three years ago with an aim to provide innovative products to the Indian market. Innovate power is a subsidiary unit of VP Electronics which started in 1998 is a specialized distributor of Power Semiconductors, power electronics control card, active & passive components with application support in the leading companies of electronic industry like Sukam, Microtech, Luminous, UTL, CTDI, IQOR, Indian Railways and leading institutions like IIT's, NIT's, DTU and other major technical institutions. Innovate Power is a manufacturing unit of high quality Power electronics equipments with an aim to give an unsurpassed & innovative products to the industry with the latest technology & foremost service support to our clients.

We work on the principle of our founder Mr. Upender Gupta to monopolies Indian market with the Indian make high quality power equipments by supporting small scale manufacturers on application based. His ethical business practices and extensive industrial expertise, has enabled us in building long term relations in industry and in leading technical institutions. Moreover, we are facilitated by our modern research and testing laboratory well equipped with high-tech testing equipments to ensure superior quality and highly accuracy of our products.



EP 300 - 2500 AMP

Technical Specifications							
Model No.	300Amp12V	500Amp12V	750Amp12V	1000Amp12V	1500Amp12V	2000Amp12V	2500Amp12V
Input Voltage	320-480V AC 50HZ (Three Phase)						
Output Voltage	12V DC $\pm 1\%$ (0-12V Calibration by 0.1V)						
Output Current	300Amp	500Amp	750Amp	1000Amp	1500Amp	2000Amp	2500Amp
Output Power	3600W	6000W	9000W	12000W	18000W	24000W	30000W
Ripple Voltage	Less than 2%						
Overall Efficiency	90%						
Power Factor	0.9 to 0.95						
Cooling	Forced Cooling						
Ambient Temperature	0-40°C $\pm 5\%$						
Size (LxWxH) in mm	(490x640x230)	(490x640x230)	(420x590x610)	(420x590x610)	(420x590x610)	(470x660x1080)	(470x660x1080)
Weight (in Kg)	30 Kg	40 Kg	50 Kg	75 Kg	75 Kg	155 Kg	155 Kg
Display	LCD Display 4 Line 20 Character Manual Selection Constant Current & Constant Voltage. Display :- Constant current, Constant voltage, All Errors (Protection) 7-Segment 4 digit :- Display Output Current & Voltage						
PLC Control	AUTO Control (Constant Current & Constant Voltage) (0-5V) (External PLC)						
Configuration	IGBT Base H-Bridge PWM Technology						
Protection	<ol style="list-style-type: none"> 1. High-Low Input Cut-off (320-480V) By Hall Voltage Sensor 2. Phase fail detector (System will work only with three phase input supply.) 3. Over Temperature. 4. Short Circuit Protection. 5. Display and buzzer for chemical "Dozing" after every 1000AH. 						
Control & Display Card	DSP (Digital Signal Processing) Controller for fast performance and protection.						
Body	Small size, Light weight						
Current & Voltage Sensing	Hall effect sensor to isolate control and display card from high voltage and current.						
Remote Control (Optional)	External SCADA and MODBUS (RS485)						



3000 - 4000 AMP (12V)

Technical Specifications		
Model No.	3000Amp12V	4000Amp12V
Input Voltage	320-480V AC 50HZ (Three Phase)	
Output Voltage	12V DC $\pm 1\%$ (0-12V Calibration by 0.1V)	
Output Current	3000Amp	4000Amp
Output Power	36000W	48000W
Ripple Voltage	Less than 2%	
Overall Efficiency	90%	
Power Factor	0.9 to 0.95	
Cooling	Forced Cooling	
Ambient Temperature	0-40°C $\pm 5\%$	
Size (LxWxH) in mm	(660x630x1090)mm	(660x630x1090MM)
Weight (in Kg)	150Kg	180Kg
Display	LCD Display 4 Line 20 Character Manual Selection Constant Current & Constant Voltage. Display :- Constant current, Constant voltage, All Errors (Protection) 7-Segment 4 digit :- Display Output Current & Voltage	
PLC Control	AUTO Control (Constant Current & Constant Voltage) (0-5V) (External PLC)	
Configuration	IGBT Base H-Bridge PWM Technology	
Protection	<ol style="list-style-type: none"> 1. High-Low Input Cut-off (320-480V) By Hall Voltage Sensor 2. Phase fail detector (System will work only with three phase input supply.) 3. Over Temperature. 4. Short Circuit Protection. 5. Display and buzzer for chemical "Dozing" after every 1000AH. 	
Control & Display Card	DSP (Digital Signal Processing) Controller for fast performance and protection.	
Body	Small size, Light weight	
Current & Voltage Sensing	Hall effect sensor to isolate control and display card from high voltage and current.	
Remote Control (Optional)	External SCADA and MODBUS (RS485)	



50AMP/350V 100AMP/350V

Technical Specifications

Model No.	100Amp350V	50Amp350V
Input Voltage	320-480V AC 50HZ (Three Phase)	
Output Voltage	0-350V DC $\pm 1\%$ (0-350V Calibration by 0.1V)	
Output Current	100Amp	50Amp
Output Power	35000W	17500W
Ripple Voltage	Less than 2%	
Overall Efficiency	90%	
Power Factor	0.9 to 0.95 from 40% load to 80%	
Cooling	Forced Cooling	
Ambient Temperature	0-40°C $\pm 5\%$	
Size (LxWxH) in mm	(450x660x870)	(580x620x270)
Weight (in Kg)	85Kg	50Kg
Display	LCD Display 4 Line 20 Character Manual Selection Constant Current & Constant Voltage. Display :- Constant current, Constant voltage, All Errors (Protection) 7-Segment 4 digit :- Display Output Current & Voltage "Normal, Timer, Job Ampere and Grand total ampere"	
PLC Control	AUTO Control (Constant Current & Constant Voltage) (0-5V) (External PLC)	
Configuration	IGBT Base H-Bridge PWM Technology	
Protection	1. High-Low Input Cut-off (320-480V) By Hall Voltage Sensor 2. Phase fail detector (System will work only with three phase input supply.) 3. Over Temperature. 4. Short Circuit Protection. 5. Display and buzzer for chemical "Dozing" after every 1000AH.	
Control & Display Card	DSP (Digital Signal Processing) Controller for fast performance and protection.	
Body	Small size, Light weight	
Current & Voltage Sensing	Hall effect sensor to isolate control and display card from high voltage and current.	
Remote Control (Optional)	External SCADA and MODBUS (RS485)	



OUR STRATEGY

We value, challenge and reward our people

Our strategy is built on the foundation of our values and will drive our successful development in the coming years in order to achieve our long-term vision to become an Indian leader in power related equipments and technologies.



OUR FACILITIES

- ▶ TECHNICALLY QUALIFIED STAFF
- ▶ R & D SETUP
- ▶ APPLICATION SUPPORT
- ▶ TESTING INSTRUMENT FACILITIES
- ▶ STACK ASSEMBLY FACILITIES

CONTACT US



R & D FACILITY

83 & 84 EAST FRIENDS ENCLAVE SULTANPURI
NEW DELHI - 110086



MANUFACTURING UNIT

H13(A) &(B), RIICO INDUSTRIAL AREA SHAHJHANPUR
DISTT ALWAR RAJASTHAN-301706

SALES OFFICE

53, EAST FRIENDS ENCLAVE SULTANPURI
NEW DELHI - 110086

Email: info@innovatepower.in
service@innovatepower.in

Phone: 011 25478313, 011 25488313
011 25961617, 9988555118

Web: www.innovatepower.in