

We Are Growing Because
Of Our Customer.....!

AVOLTZ[®]
SYSTEM

VOLT CONTROL
SYSTEM

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**SMPS
BATTERY CHARGERS**

About Us

The Volt Control System, Pune, India specializes in the manufacturing of Winding Components and we are mainly working for customize solution.

We as volt control system come with 30 years of experience in manufacturing of various electrical components and products.

Since we have started in 2005, we have continuously enlarged our product range as per industrial demands, focusing on quality solutions and best services we could offer. Today we can deliver our solutions to almost all popular industries as per their special requirements.

We are leading producer of winding components and customize manufacturing, We build technologies and provide engineering service that address most complex solutions in various industries i.e. Aviation, Machine tool industry, Food Industry, Automobile industry, Oil and natural gas industries, chemical, petroleum and pharmaceutical industries. Textile industries. Also In defense and research institutes

Continuous assessment with the quality of raw material and finished products we manufacture and customer-centric after-sales services, we are able to achieve the milestone we are at today.

We believe we can achieve more success with the support of our customers.

Where challenges faced by industry and OEM, Our well managed and automated unit at pune enables us to provide the best quality products and solutions in various fields like we are such engineered with confidence, our reliable solutions put engineering efforts to work efficiently and enhance your productivity & profitability that is our prime motto.

BATTERY CHARGERS

Battery Charger are constant voltage devices with built- in current limiting charges are designed to charge all types batteries.

Electrical Specification

- Type: Automatic Float cum Boost Battery Charger
- Input: 180- 270V AC
- Ratings: 12V / 24V – 10A to 40A
- Controls: A) Auto / Manual Model Selection
B) Float / Boost Mode Selection

Applications

- Power Substations
- DC, Power Supply System
- DG Sets, Genset



BATTERY CHARGERS

SMPS BASED AUTOMATIC FLOAT CUM BOOST BATTERY CHARGER

MODEL	IWDL 150	IWDL 150	IWDM 500A	IWDM 500	IWDM 800	IWDM1100
RATING	12V/10A	12V/15A	24V/15A	24V/18A/20A	24V/30A	24V/40A
I/P VOLTAGE	180 V TO 270 V AC	180 V TO 270 V AC	180 V TO 270 V AC	180 V TO 270 V AC	180V TO 270 V AC	180 V TO 270 V AC
FREQUENCY	47 TO 60 HZ	47 TO 60 HZ	47 TO 60 HZ	47 TO 60 HZ	47 TO 60 HZ	47 TO 60 HZ
I/P CURRENT	1A	1.5A	15A	20A	30A	40A
O/P CURRENT	10A	15A	15A	20A	30A	40A
FLOAT VOLTAGE	13.4(adj.)	13.4(adj.)	26.5(adj.)	26.5(adj.)	26.5(adj.)	26.5(adj.)
BOOST VOLTAGE	14.5(adj.)	14.5(adj.)	28.5(adj.)	28.5(adj.)	28.5(adj.)	28.5(adj.)
FLOAT TO BOOST CHANGE OVER	2-6A(adj.)	2-6A(adj.)	2-6A(adj.)	2-6A(adj.)	2-6A(adj.)	2-6A(adj.)
REGULATION	.+/- 1%	.+/- 1%	.+/- 1%	.+/- 1%	.+/- 1%	.+/- 1%
RIPPLE	<1%	<1%	<1%	<1%	<1%	<1%
PROTECTION						
OUTPUT SHORT CIRCUIT	YES	YES	YES	YES	YES	YES
OUTPUT OVERLOAD	VOLTAGE DROPPING	VOLTAGE DROPPING	VOLTAGE DROPPING	VOLTAGE DROPPING	VOLTAGE DROPPING	VOLTAGE DROPPING
OUTPUT OVER-VOLTAGE	YES	YES	YES	YES	YES	YES
BATTERY REVERSE	YES	YES	YES	YES	YES	YES
DRY CONTACTS	FLOAT / BOOST CHRGER FAIL OPTIONAL	FLOAT / BOOST CHRGER FAIL OPTIONAL	CHARGER ON, CHARGER FAIL	CHARGER ON, CHARGER FAIL	FLOAT / BOOST CHRGER FAIL OPTIONAL	FLOAT / BOOST CHRGER FAIL OPTIONAL
CONTROLS	AUTO	AUTO	AUTO/MAN BOOST	AUTO/MAN BOOST	AUTO/MAN / FLOAT /BOOST	AUTO/MAN / FLOAT /BOOST
INDICATION	MAINS ON / FLOAT BOOST	MAINS ON / FLOAT BOOST	OVER VOLTAGE, CHARGER FAIL AUTO MANUAL, FLOAT, BOOST	OVER VOLTAGE, CHARGER FAIL AUTO MANUAL, FLOAT, BOOST	OVER VOLTAGE, CHARGER FAIL AUTO MANUAL, FLOAT, BOOST	OVER VOLTAGE, CHARGER FAIL AUTO MANUAL, FLOAT, BOOST
COOLING	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR	FORCED AIR
MOUNTING	WALL MOUNTING	WALL MOUNTING	WALL MOUNTING	WALL MOUNTING	WALL MOUNTING	WALL MOUNTING
DIMENSIONS (MM) L*H*D*	80*180*120	80*180*120	300*210*110	300*200*115	300*200*115	560*210*110

Due to VCS Policy of continuous improvement in product quality, some feature and Size of items may change.

SMPS Based battery Chargers and DC Power Supplies

- **Cost effective solution for DC Power requirements**
- **Light-weight, Compact Ultra- Efficient & Rugged Design**
- **Low Thermal Losses, Low Working temperatures**
- **Soft Start Protection**
- **Current Limit Protection**
- **Over Voltage Protection**
- **Over Load Protection**
- **Reverse Polarity Protection**
- **Optional Potential free Contacts**
- **One Year Piece Replacement Guarantee**

in house

- **Ready Stocks Available**

We provide highly efficient, compact, and SMPS based DC power supplies and Automatic Float Cum Boost battery Chargers for your low power DC supply needs. Designed for enhancing the battery life and reliability, it is a must for applications which require an uninterrupted power Supply and continuous charge replenishment of the batteries.

OUR SECTOR

INDUSTRIAL SECTORS

- Machine Tools: CNC, VMC, HMC, SPM
- Engineering Workshop
- Automotive Industry
- Electronics & Telecommunication
- Textile Process Industries
- Hospital Operation Théâtre X-Ray Digital, Diagnosis Centre
- Packaging Industries
- Panel manufacturers
- Pharmaceutical, Chemical Industry
- Petrochemical, Oil, Natural Gas Industries

COMERCIAL SECTORS

- Mall IT Sector, Bank, Institute,
- Showroom, House

AGRICOS SECTORS

- Food & Beverage, Industries, Diary, RO Plant
- Rice Mill, Oil Mill, Groundnut Decorticator, Water Pump
- Chilly Crushing, Crop Crushing, Juice factory, Dry Fruit process Industries

GOVERNMENT SECTORS

- Defense, Research & Development Institute,
- Ordinance, Ammunition Factory, N.H.A.I., transport
- Aviation Industry

WE ARE ALSO MANUFACTURING

CUSTOM DESIGNED STABILIZERS ARE ALSO AVAILABLE WITH WIDER OR SHORTER INPUT VOLTAGE RANGES & ALSO WITH SPECIAL OUTPUT VOLTAGE, AS PER CUSTOMER REQUIREMENTS.

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|------------------------|-----------------------------------|
| ⇒ SMPS Power Supply | ⇒ Dimmers |
| ⇒ Transformers | ⇒ Chokes |
| ⇒ Battery Chargers | ⇒ CVT |
| ⇒ Inductive load banks | ⇒ UPS |
| ⇒ Frequency Converter | ⇒ DC Rectifiers |
| ⇒ DC Power Supply | ⇒ ATS (AUTOMATIC TRANSFER SWITCH) |

PARTIAL LIST



- OUR SERVICE CENTER -



- OUR DETAILS -

Office : Unit No. 6, Electronic Sadan No. 1, MIDC Bhosari, Pune - 411 026. (MH) India

Factory : Unit No. 7,17,18,21, Electronic Sadan No. 1, Unit No. 03, Electronic Sadan No. 2, MIDC Bhosari, Pune - 411 026. (MH) India

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