

### AVO PRIMAX 5KVA -15KVA (1:1)

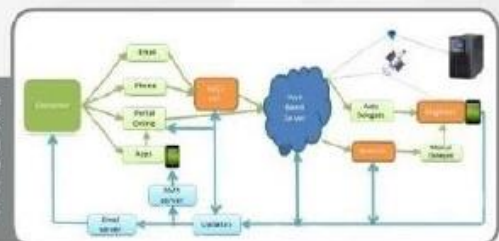


#### Features

- + **Double Conversion On-Line UPS**
- + **Near Unity Power Factor**
- + **IGBT PWM Rectifier**
- + **DSP Controlled**
- + **Battery Health Monitoring System**
- + **Inbuilt Galvanic Isolation**
- + **Advance Communication Capabilities**
- + **Compliance to International Standards**

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.

AVO has developed state of the art and very customized web based e-CRM for all its service operations. The unique software allows the Clients to log the call themselves. The Best feature of the software is it automatically delegates the calls to the field engineers depending upon the database of engineers as per location & past records and subsequently tracks the engineer location and site location through GPS. Customers get automated mails on current progress and are also able to track the engineer who is going to attend the call. An SMS alert to update the call status is also sent to the customer.

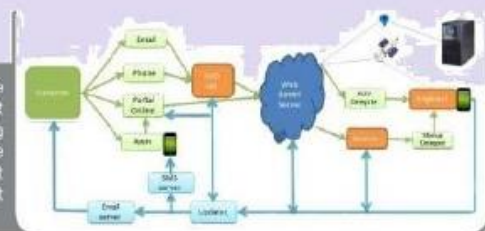


**Regional Office :** #8/2, 2nd Cross, Kushalappa Layout, Bhuvaneshwari Nagar, R.T. Nagar Post, Bangalore - 560 032, Karnataka.  
**Regd. Office :** #230, S.N. Roy Road, Kolkata 700 038. | **Head Office :** #97, Raja Ram Mohan Roy Road, Kolkata - 700 041 (India).  
**Phone :** +91 96061 79991 / 033 6518 1192 | **Fax :** +91 33 2400 1420 | **Email :** BangaloreSales@avocups.com

SPECIFICATIONS	ONLINE UPS							
MODEL	RL1001	RL1002	RL1003	RL1005	RL1006	RL1007	RL1010	RL1015
RATING	1KVA	2KVA	3KVA	5KVA	6KVA	7.5KVA	10KVA	15KVA
INPUT								
RECTIFIER DESIGN	IGBT Based PWM Rectifier							
NOMINAL VOLTAGE	140 - 300V AC							
NOMINAL FREQUENCY	50HZ + 10%							
INPUT POWER FACTOR	0.9 TO 0.95 PF							
BATTERY								
VOLTAGE	36VDC	72-96VDC	120-192VDC	180-360VDC				
OUTPUT								
INVER DESIGN	IGBT Based DSP Controlled Sine Wave PWM							
DC AC Efficiency	85 to 90% (Based On Voltage And Ups Rating)							
VOLTAGE	230 ± 0.1%							
FREQUENCY	50Hz ± 5% in Synchronous mode, 50Hz ± 0.1 Hz Free running mode							
THD	≤ 2% On - Linear load & ≤ 5% on non - Linear load							
CREST FACTOR	03:01							
POWER FACTOR	0.8 Lag to unity							
OVER LOAD	150% For one minute, 120% For 10 minutes							
PROTECTIONS	Battery Undervoltage (10.5V), UPS Over Voltage/Overload & Short Circuit							
INDICATIONS	UPS On, Mains On, Battery Low & Charging/Discharging, Output Overload							
METERING	I/P & O/P Voltage, Frequency & Current, Battery Voltage & Current							
BYPASS	Manual / auto (Bi directional)							
COMMUNICATION	RS-232 serial interface / SNMP (Optional)							
ENVIRONMENT	Noise level - less than 60dBA, temperature - 0.45 deg. C, Humidity - 0.95%							
IP Rating	IP 21							

- S means standard model; H means long time model.
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