

EP RP SERIES

1 Phase in / 1 Phase Out

1 KVA - 10KVA

APPLICATION

- IT INFRASTRUCTURE
- MEDICAL EQUIPMENT
- PRE-PRESS & PRINTING
- TELECOM
- INSTITUTION
- BANK

FEATURES

EP RP series (1P-1P):

The EP RP series UPS systems are designed using high frequency PWM voltage frequency Independent (VFI) technology with micro controller based electronic control system.

- It requires minimum battery sizing (lesser no. of Batteries).
- The peak surge handling capacity of 300% for 3000msc.
- UPS comes with the Automatic Static Bypass switch. (Electronic Bypass).
- True Inbuilt Isolation Transformer by design@ output.
- IGBT based Design.
- Control Designed to withstand all kinds of load.
- Intelligent Battery Management to Prolong Battery Life Cycle.
- CVCF (Constant Voltage Constant frequency).
- High Reliability Digital control.
- N+1 hot standby option upto 10 units.
- Wide Input Voltage Range.



True Online UPS

1 Phase in / 1 Phase Out



TECHNICAL SPECIFICATION :

MODEL	EPRP1001	EPRP1002	EPRP1003	EPRP1005	EPRP1006	EPRP1010			
Capacity	1 kVA	2 kVA	3 kVA	5 kVA	6 kVA	10 kVA			
INPUT									
Nominal Voltage	220V/230V/240V AC (1Ph+N+PE, 3 Wire)								
Operating Voltage Range	140V~280V AC Load Dependent								
Operating Frequency Range	50 Hz \pm 1% (Auto Sensing)								
Power Factor	>0.9								
OUTPUT									
Output Voltage/Power Factor	220V / 230V / 240V AC / \pm 1% / 0.8 Std., 0.9 Optional								
Output Frequency	Auto Sensing 50Hz								
Harmonic Distortion (THDv)	<2% (Linear load), <5% (Non Liner Load)								
Crest Factor	3:1								
Efficiency	Up to 94% Dual Conversion Mode, 99% ECO Mode								
BATTERY									
DC Voltage	36V	72V	96V	96/180V	144/180V	180/192V			
Charge Current	6.5 A Configurable								
Typical Recharge Time	8 Hours (90% of full capacity)								
SYSTEM FEATURES									
LCD Indication	Input Voltage/Frequency, Output Voltage/Frequency								
LED Indication	Load Level, Battery Level, Line On, Battery On, Inverter On, By Pass, Fault & Reset Button								
Alarms / Protection	Batt. Low, DC High, Inverter Under/Over Voltage, UPS Over Load, Short Circuit, Fan Failure and UPS Fault.								
Overload Capability	\leq 125% for 10 min, >125-150% for 1 min, >150% for 200 ms								
Transfer Time	AC to Battery : 0ms, Inverter to Bypass : 4ms (Typical)								
ENVIRONMENTAL									
Temperature	Operating: 0~40°C, Storage: -10°C ~ 55°C								
Humidity / Altitude	0~95% RH Non-condensing / <1500 M								
Noise	Low Audible Noise Level								
PHYSICAL									
Dimension WxDxH (mm)	12x22.5x21	12x22.5x21				12.5x22.5x25			
Weight (Kg)	5Kg	35kg	38kg	40kg	45kg	50kg	60kg	70kg	75kg
STANDARDS									
Quality	ISO 9000, ISO 14001, OHSAS								
Safety	IEC/EN62040-1								
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE								
COMMUNICATION INTERFACE									
Standard	RS-232 Optional								
Optional	SNMP / ModBus / Dry Contact / USB / RS-485								

*Specifications are subject to change without prior notice.

