True Online UPS

1 Phase in / 1 Phase Out

POWER ONLINE UPS
UNINTERRUPTIBLE POWER HUB

EP IG+ SERIES

3 Phase in / 1 Phase Out
10KVA - 30KVA

APPLICATION

- IT INFRASTRUCTURE
- MEDICAL DIAGNOSTIC
- MACHINE TOOLS & ROBOTICS
- TELECOME
- DATA PROCESSING EQUIPMENT
- BANK & FINANANCE

FEATURES

Microprocessor based intelligent UPS system suitable for IT and Medical Equipment Load with unity power factor and a wide input voltage Window of 140-300 with an overall efficiency reaching 95%.

- True online Double Conversion Topology.
- The peak surge handling capacity of 300% for 3000msc.
- True Inbuilt Isolation Transformer by design@ output.
- IGBT based Rectifier & charger.
- Control Designed to withstand all kinds of load.
- Intelligent Battery Management to Prolong Battery Life Cycle.
- High Input Power factor >0.99.
- High Reliability Digital control.
- N+1 hot standby option upto10units.
- Wide Input Voltage Range.
- Inbuilt Manual Bypass Switch.
- Emergency Power off (EPO) Switch.

MAKE IN INDIA

RoHS CE ISO 9001 ISO 14001 OHSAS 18001

Plant Add : Plot No. H-2, Durga Industrial Park, Sahibabad, Ghaziabad - 201005
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www.epowerups.com

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TECHNICAL SPECIFICATION :

MODEL	EPIG+3010	EPIG+3015	EPIG+3020	EPIG+3030
Capacity	10KVA	15KVA	20KVA	30KVA
INPUT				
Nominal Voltage	380V/400V/415V/ SELECTABLE AC (3PH+N+PE, 5WIRE)/220/230/240± 15%, PH Selectable			
Operating Voltage Range	360V~470V AC Load Dependent			
Operating Frequency Range	50 Hz ± 1% (Auto Sensing)			
Power Factor	>0.96			
OUTPUT				
Output Voltage/Power Factor	220V / 230V / 240V AC / ±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	180V	180/192V	192V	192V
Charge Current	10% of the Rated Battery AH			
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	≤ 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-condersing / <1500 M			
Noise	Low Audible Noise Level			
PHYSICAL				
Dimension WxDxH (mm)	465x820x890	465x820x890		465x820x890
Weight (Kg)	90kg	125kgs	160kgs	175kgs
STANDARDS				
Quality	ISO 900I , 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			
Technology	Online Double conversion AC-DC-AC with high switching frequency VFI Inversion Technology IGBT Based Rectifier & Charger Section			

*Specifications are subject to change without prior notice.

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