

AEON PUREPOWER
3to1 & 3to3 Series
(6 KVA to 480 KVA)



Features & Benefits

- ▶ High Frequency and dual conversion on-line technology
- ▶ Wide input voltage range
- ▶ Advanced IGBT technology
- ▶ True Sine Wave output with less than 3% THD
- ▶ Advanced battery management
- ▶ Cold start feature(DC power on)
- ▶ Automatically changing batteries in UPS off mode
- ▶ Lightning & surge protection
- ▶ EMI/RFI noise filter
- ▶ Shutdown & restart schedule
- ▶ Digital control technology
- ▶ High Efficiency

Online UPS

Purepower 3 phase series
6 KVA to 480 KVA



Technical Specifications- 3 to1 & 3 to 3 Series	
Capacity	6 KVA - 480 KVA
Technology	Micro processor based Double Conversion true online IGBT Technology
Input	
Voltage Range	Three phase 415 V \pm 10%
Frequency Range	46 to 54 Hz
Power Factor	>0.99
UPS/Output	
Voltage	230V AC Single Phase \pm 1%/415v \pm 1% adjustable
Frequency	50 Hz \pm 1%
Distortion	\leq 2% for 100% Linear load, \leq 5% for 100% Non Linear load
Waveform	True Sine Wave
Overall Efficiency	\geq 90%
Crest Factor	3:1
Overload Capacity	125% of rated load for 1 min, 150% of rated load for 30 sec
Short Circuit Protection	Inverter output/rectifier output short circuit protection
Output Power Factor	>0.8
Total Harmonic Distortions	Less than 2% for linear load
Battery	
Model	12 V Sealed lead acid maintenance free (recommended)
Voltage	360v Adjustable
Recharge Time	8-10 Hrs from fully discharged condition to 100% charged condition
DC Bus Ripple	<1%
Others	
User Friendly MIMIC	UPS Status , Battery Level, Load level, Fault Line
Protection	Over/Under Voltage at I/P Short Circuit & Overload Lightning/ Surge
LED/LCD Display	Utility, Inverter, Battery %,Load %, Frequency
Audible alarm	Utility Failure, Beep/4s; Battery low, Beep/1s; UPS fault, Continuous Alarm
UPS Abnormal	Continuous Beep and Red LED on
Noise Level	<50db at full load from 1m distance
Ambient Temperature	<40°C
Humidity	10%-90% (Non Condensing)
Cold Start Facility	Available

▶ All specifications are subject to change ▶ Custom models available on request

Contact
AEON .. 1 FF Aakriti Tower,19 V.S. Marg, Lucknow
Ph : 0522-2397984, 237502
email : aeon@sancharnet.in
website : www.aeondirect.com