



- High Frequency & 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
- RS 232 optional
- Shutdown & restart schedule
- Digital control technology
- High Efficiency

**Online
UPS**
aeon PURE POWER
1to1 Series
(1KVA to 20KVA)

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www.aeondirect.com

PURE POWER



Technical Specifications- 1 to1 Series

Capacity	1 KVA	2 KVA	3 KVA	5 KVA	7.5 KVA	10 KVA	15 KVA	20 KVA
Input								
Voltage Range	160 to 270V AC							
Frequency Range	46 to 54 Hz							
Power Factor	>0.99							
Inverter/Output								
Voltage	230V AC Single Phase ±1 %							
Frequency	50 Hz±1%							
Distortion	≤2% for 100% Linear load, ≤5% for 100% Non Linear load							
Waveform	True Sine Wave							
Overall Efficiency	≥90%							
Crest Factor	3:1							
Overload Capacity	125% of rated load for 1 min, 150% of rated load for 30 sec							
Short Circuit	UPS output turns off automatically							
Battery								
Model	12 V Sealed lead acid maintenance free							
Voltage	120 V to 192 V				Adjustable			
Recharge Time	8-10 Hrs from fully discharged condition to 100% charged condition							
DC Bus Ripple	<1%							
Others								
Communication Port	RS 232(Optional)							
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
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