

Online UPS **E-Series** (Environmental Friendly) 1-10KVA (1/1)



AVO NATURAL POWER NP 1000

Application:

Computer/critical servers/data center/hub & other network device/LAN/WAN.

FEATURES & BENEFITS

- High frequency and dual conversion on-line technology
- Wide input voltage range.
- Advanced PFC technology.
- True sine wave output with less than 3% THD.
- Self-diagnosis at UPS startup
- Advanced battery management (ABM).
- Cold start feature (DC power on).
- Automatically changing batteries in UPS off mode.
- Lightning and surge protections (surge energy rating 1050 Joules).
- Short circuit and overload protections.
- Fan speed automatically changes as load varies.
- Optional external battery pack.
- EMI/RFI noise filter.
- RS232(SNMP Optional)
- Shutdown & restart schedule

Technical Specifications

Model	NP1001	NP1002	NP1003	NP1006	NP1010
Capacity(linear Load)	1KVA/700W	2KVA/1400W	3KVA/2100W	6KVA/4200W	10KVA/7KW
Input Voltage Range	Half Load 120-300VAC Full Load 165V-276VAC			176V-290VAC	
Frequency Range	45.5Hz~54Hz				
Output Voltage	220V/230V/240V±3%				
Output Frequency	50/60Hz±0.Hz				
Output voltage Tolerance	<±5%(100% Load or without Load)				
Distortion	<3%(Linear Load); <5%(Non-linear load)				
Output Waveform	True Sine Wave				
Efficiency	≥91%				
Overload Capacity	110%~150% transfer to Bypass after 1 Mins. above 150%: 200MS			105%~130%, 10 Mins >130%: 1Min.	
Battery Voltage	36VDC	96VDC		240VDC	
Charge Voltage	40.5±1V	110±1V		274.5±1V	
Battery Type	Sealed Maintenance-FreeLead-Acid				
Battery QTY	12Vx3Pcs	12Vx8Pcs		12Vx20Pcs	
Standard Backup Time (Full Load/Half Load)	5/12Mins	7/16Mins	5/13 Mins	6/15 Mins	8/20 Mins
Crest Factor	3:1				
Noise (1m)	<45db	<50db		<55db	
LCD and LED	Utility, Inverter, Bypass, Battery, Load, Battery Mode, Frequency, UPS Fault Indictor				
Transfer Time of AC to DC	Zero				
Battery Low Voltage	31± 2V	83± 2V	83± 2V	200± 2V	200± 2V
Charge Time	Charging up to 90% ≤8Hour				
Audible Alarm-Battery Discharge	Utility Failure, Beep/4s : Battery Low, Beep/1s				
EMC	50091, 9254				
UPS Abnormal	Continuous Beep and Red LED on				
Output Short Circuit	Shutdown				
Outlets	2pcs	3pcs		Terminals	
Communication Interface	RS232/SNMP (optional)				
Ambient Temperature	0°C ~40°C				
Humidity	10%~ 90%				
Net Weight (Kg)	UPS	13.5	12.5	29.5	30.50
	Battery	N/A	26.0	50.0	60.0
Dimension (WxDxH) mm	UPS	482x445x90	482x448x90		535x653x283
	Battery				
Packing Measure (WxDxH) mm	UPS	515x515x180	515x548x180		535x653x283
	Battery				
20FT	600PCs		300PCs		100PCs

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



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