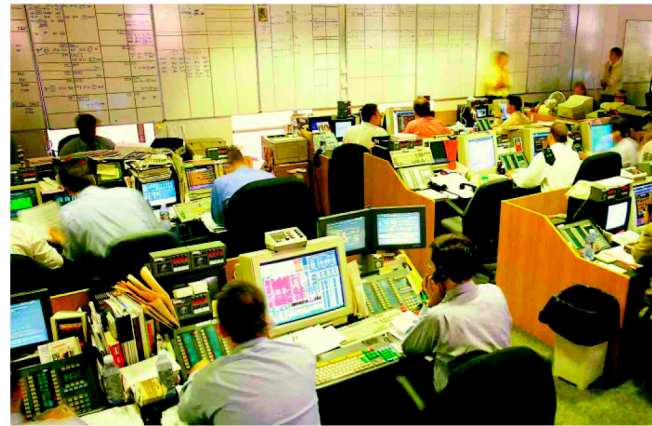


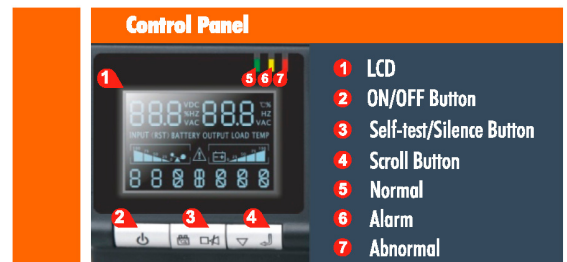
Online UPS E-Series (Environmental Friendly) 6-20KVA (3/1)



AVO HIGH POWER THP 2000

Application:

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



FEATURES & BENEFITS

- High frequency and true double-conversion
- DSP digital control technology • Short circuit and overload protection
- Wide Input voltage range (110V-300V)
- Output power factor 0.9
- Optimized Battery configuration: 192V/240V
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- 50/60Hz frequency converter mode
- Selectable output voltage via LCD
- Selectable battery shutdown voltage(EOD) via LCD
- Selectable Input mode via LCD: 3/1 or 1/1
- Automatically diagnose when starts

- Advanced battery management (ABM)
- Automatically charging battery at UPS off mode
- Fan speed auto control when load varies
- Standard RS232/USB communication port
- Standard emergency power off (EPO)
- Optional RS485/SNMP/AS400 communication port
- Optional extension battery bank
- Optional battery temperature compensation
- Optional built-in Isolation transformer
- Optional manual bypass
- Optional N+X redundancy parallel

TECHNICAL SPECIFICATIONS

MODEL	THP2006	THP2010	THP2015	THP2020
Capacity	6KVA/5.4KW	10KVA/9KW	15KVA/13.5KW	20KVA/18KW
INPUT				
Rated Voltage	3/1: 360V/365V/380V/400V/415VAC; 1/1: 208V/210V/220V/230V/240VAC.(Set up by LCD display)			
Voltage Range	3/1: Half load (190-520) ± 5VAC, Full load (277-520) ± 5VAC; 1/1: Half load (110-300) ± 5VAC, Full load (160-300) ± 5VAC.			
Frequency	40-70Hz ± 0.5% (Auto sensing)			
Power Factor	3/1:≥0.95; 1/1:≥0.99.			
BYPASS				
Voltage Range	160V-Rated output voltage+32V			
Frequency	50/60Hz ±5Hz			
OUTPUT				
Voltage	208V/210V/220V/230V/240Vac Setting available via LCD			
Voltage Regulation	± 1%			
Frequency	Synchronized with utility on AC mode; 50/60 ± 0.1Hz on battery mode			
Waveform	Pure sine wave			
Crest Factor	3:1			
Harmonic Distortion	≤2%(Linear load);≤5%(Non-linear load)			
Transfer Time	AC mode to battery mode: Omins Inverter mode to bypass mode: Omins			
Overload Capability	105%-125%: Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms			
EFFICIENCY				
AC Mode	≥93%			
Battery Mode	≥92%			
ECO Mode	≥98%			
BATTERY				
DC Voltage	192V/240VDC			
Inbuilt Battery of Standard Model	16/20*7AH		16/20*9AH	NO
Charge Current	1A			NO
	7A			
Typical Recharge Time	8 hours recover to 90% capacity			
ALARM				
Utility Failure	Beep/4s			
Battery Low	Beep/1s			
Overload	Beep Twice/1s			
UPS Fault	Long Beep			
ENVIRONMENT				
Humidity	20-90% RH @ 0-40°C(non-condensing)			
Noise Level	≤58dB (1m)		≤60dB (1m)	
MANAGEMENT				
Standard RS-232 and USB	Supports Windows® 98/2000/2003/XP/Vista/2008/1 Windows®7/8			
Optional SNMP	Power management from SNMP manager and web browser			
PHYSICAL				
Dimension(mm)WxDxH	262 x 580 x 455(H), 262 x 580 x 732(S)			262 x 580 x 628(H)
Packing Dimension(mm)WxDxH	355 x 682 x 615(H), 359 x 687 x 822(S)			359 x 687 x 717(H)
Net Weight(kg)	25.0(H),	73.0(S)	25.5(H), 74.0(S)	38.5(H)
Gross Weight(kg)	28.5(H),	82.5(S)	29.0(H), 83.5(S)	47.0(H)

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