



#### **Online UPS**

E-Series (Environmental Friendly)

5-10 KVA(1/1)





# AVO HIGH POWER HP 1000

## Application:

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



#### **FEATURES**

- True double-conversion
- Microprocessor control optimizes reliability
- Input power factor correction
- Output power factor 0.8
- Wide input voltage
- Converter mode available

- Generator compatible
- Adjustable battery number only available for 6K and up models
- Smart SNMP works well with either USB or RS-232 together
- Comprehensive display allows easy monitoring and access of UPS status
- Optional isolation transformer available. (Please check sales directly)

### TECHNICAL SPECIFICATIONS

MODEL		HP1005		HP1006		HP1008		HP1010		
PHASE		2	nere e e e e e e e e e e e e e e e e e e			with ground				
CAPACITY*		5000 VA / 4000 W		6000VA / 4800W		8000 VA / 6400 W		10000 VA / 8000 W		
INPUT										
Nominal Vo		208/220/230/240VAC								
Input Volta	ge Range	110-300 VAC (Based on load at 50%)								
		176-300 VAC (Based on load at 100%)								
Frequency		46-54 Hz or 56-64 Hz								
Range(Synchronized Mode)										
Power Factor		≥0.99 @ Nominal Voltage (100% load)								
OUTPUT										
Output Voltage		208/220/230/240VAC								
Voltage Regulation		±1 %								
Frequency Range (Synod-		46-54 Hz or 56-64 Hz								
ionized Range)										
Frequency Range (Batt.		50 Hz or 60Hz ± 0.1 Hz								
Mode)										
Current Crest Ratio		3:1						7		
Harmonic I		≤3 % THD (Linear Load)						7		
Transfer AC Mode to		≤5 % THD (Linear Load)								
		Zero								
Time	Battery Mode	Zeio								
Time	Inverter to	Zero								
	Bypass	Zero								
Waveform (		Pure Sinewave								
					rule 311	lewave				
AC Mode		00	0/-	00	0/-	0.20	) <u>/</u>	0.2	0/-	
		92%		92%		93%		93%		
Battery Mode BATTERY		90%		90%		91%		91%		
	D-44 T	10.77/	0.41	10.77		10.77/	0.41	10.17/	0.11	
Standard Model	Battery Type	12 V/		12 V/		12 V/		12 V/		
	Numbers	16 20		16 20		16 20		16	20	
	Typical Recharge Time	9 hours recover to 90% capacity								
	Charging Charging	1 A / 2 A / 4 A / 6 A / 9 A / 1 D A / A dispatch to)								
	Current (max.)	1A/2A/4A/6A/8A/10A(Adjustable)								
8	Charging	218.4VDC	273VDC	218.4VDC	273VDC	218.4VDC	273VDC	218.4 VDC	273	
	Voltage	±1%	±1%	±1%	±1%	±1%	±1%	±1%	VDC±1%	
Long-run Model "	Battery Type	Depending on the capacity of external batteries								
	Numbers									
	Charging	16 - 20 (Adjustable)								
	Current (max.)	1A2A/4A/6A/8A/10A (Adjustable)								
	Charging	218.4VDC	273VDC	218.4VDC	273VDC	218.4VDC	273VDC	218.4VDC	273VDC	
	Voltage	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	
INDICATO	RS								-	
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators								
ALARM		Dodd I	, Dattery	, 10.01, 110 1110	no, Duttery	, Бурава	Livao, aira	- Luit muice		
Battery Mod	de	Sounding every 4 seconds								
Low Battery		Sounding every 4 seconds  Sounding every second								
Overload		Sounding every second  Sounding twice every second								
Fault		Continuously sounding								
PHYSICAL		Continuously sounding								
Standard Dimension, D x		369 x 190	442 x	369 x 190	442 x	442 x 19	0v689	442 x 19	00v699	
Model	W x H(mm)	x 688	190x688	x 688	190x688	442 X 19	00000	442 X 1	90X000	
	Net Weight (kgs)	61	74	61	74	76		78		
Long-run Model"	Dimension,D x	369 x 19	00 x 318	369 x 190 x 318		442 x 190 x 318		442 x 190 x 318		
	W x H(mm)	10		10		1.5		16		
Net Weight (kgs) ENVIRONMENT		12		12		16		16		
	MENT									
Humidity		0-95% RH 0-50°C@ (non-		0-95% RH 0-50°C@ (non-		0-95% RH 0-50°C@		0-95% RH 0-50°C@		
Noise Level		condensing)		condensing)		(non-condensing)		(non-condensing)		
		Less than 55dBA@1 Meter		Less than 55dBA@1 Meter		Less than 55dBA@1 Meter		Less than 58dBA@1 Meter		
MANAGEMENT		Motel		Merel		Meter		Meter		
Smart RS-2		Sunnan	Supports Windows® 2000/2003/XP/Vista/2008, Windows. 7/8, Linux, Unix and MAC							
		Suppor							INIAC	
Optional SI	AIVIT	y	rowe	managemen	IL HOIH SIMM	P manager ar	id web brov	N PCI		

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



## **SWITCHING AVO ELECTRO POWER LIMITED**