

HAPAX ECOPACK SERIES ONLINE UPS

6 – 10 kVA 1/1 PHASE

- ✓ DSP Technology
- ✓ 0,9 Output Power Factor
- ✓ Input Power Factor Correction (PFC)
- ✓ Auto Sensing Frequency
- ✓ Cold Start
- ✓ High Frequency and True Double-Conversion
- ✓ ECO Mode Operation for Energy Saving
- ✓ Advanced Battery Management



Standard Electrical Features

Wide Input Voltage Range (110~300V)
Selectable Output Voltage via LCD
50Hz/60Hz Frequency Converter Mode
Power-On Self Test
Short Circuit and Overload Protection
Automatic Charging in Off Mode
Standard RS232 Communication Port
Auto Control Fan Speed when Loads Varies
Manual Bypass

Optional Features

USB/SNMP Communication Port
Emergency Power Off (EPO)
External Battery Bank
Input or Output Isolation Transformers
Parallel Operation

Technical Specifications

MODEL	6 – 10 kVA 1/1 Phase	
Capacity	6000VA	10000VA
Power Watt	5400W	9000W
INPUT		
Nominal Voltage	208V / 220V / 230V / 240 VAC	
Voltage Range	Half Load (110-300) ±5 VAC, Full Load (160-300) ±5 VAC	
Frequency	40 ~ 70 Hz (Auto Sensing)	
Power Factor	>0.99	
Bypass Voltage Range	160V - Rated Output Voltage +32V	
OUTPUT		
Voltage Range	208V / 220V / 230V / 240 VAC (Settable via LCD)	
Voltage Regulation	±1%	
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (Synchronized Range); 50 / 60 Hz ±0.1 Hz (Battery Mode)	
Waveform	Pure Sine Wave	
Output THD	≤2% (Linear Load); ≤5% (Non-Linear Load)	
Crest Factor	3:1	
Transfer time	AC Mode to Battery Mode: 0ms Inverter Mode to Bypass Mode: 0ms	
Overload Capability	105% ~ 125%: Transfer to Bypass after 3min 125% ~ 150%: Transfer to Bypass after 30sec >150%: Transfer to Bypass after 100ms	
Efficiency (Online)	≥92%	
Efficiency (Eco Mode)	≥98%	
BATTERY		
DC Voltage	192V-240V	
Inbuilt Battery	16 x 9Ah	20x 9Ah
Max. Charging Current	Standard: 1A / Optional: 1A, 3.5A, 7A	
Recharge Time	8 hours up to 90% Capacity	
GENERAL		
Running Temperature	For UPS 0°C/+40°C ; For Battery +15°C/+25°C	
Storage Temperature	For UPS -15°C/+45°C ; For Battery 0°C/+30°C	
Alarms	Utility Failure, Low Battery, Overload, UPS Fault	
Humidity	20-90% Without Condensation	
Noise Level	≤50 dB (1m)	
Communication Port	Standard: RS232 ; Optional: SNMP, Dry Contact, EPO, USB	
Communication	Supports Windows®98/2000/2003/XP/Vista/2008/Windows®7/8/10	
DIMENSIONS & WEIGHT		
	6000VA	10000VA
UPS Dimension wxdxh mm	262 x 650 x 735	
Packaging Dimension Wxdxh mm	440 x 720 x 940	
Net Weight - kg	64	71
Package Weight -kg	72	79