

Envy Series

0.9PF 6-10kVA

Envy 6K 1/1 / Envy 10K 1/1 /
Envy 6K 3/1 / Envy 10K 3/1

True Online
Double Conversion
UPS System



FEATURES

- Rack/Tower Convertible Design
- N+ X parallel redundancy
- Matching External battery pack
- Optimization battery group, the quantity of battery: 16/18/20 pieces (settable)
- Battery Temperature Compensation
- Support generator input & Cold start
- Fan speed auto control
- Self-testing when UPS startup
- Charging current settable by software tool
- Common Battery Bank

RELIABLE PROTECTIONS

- Input low voltage protection
- Input over current
- Overload & Short circuit protection
- PFC and Inverter over temperature Protection
- Battery over charge and low voltage alarm

APPLICATIONS

- Industry equipment, IT equipment
- Servers, Computer Rooms
- Communication System and other networking equipment
- Precise Equipment

N+ X parallel
redundancy



External Battery Pack,
up to 4PCS can be connected
Rear Access and connection,
easy for installation
and maintenance



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Specifications

Model	Envy 6K 1/1	Envy 10K 1/1	Envy 6K 3/1	Envy 10K 3/1
Capacity (VA/W)	6000/5400	10000/9000	6000/5400	10000/9000
Input				
Rated Voltage	220/230/240Vac (L+N+PE)		380/400/415Vac (3Ph +N+PE)	
Voltage Range	120~276Vac		208~478Vac	
Frequency Range	50Hz: 45-55Hz/ 60Hz: 54-66Hz ±0.5Hz			
Power Factor	≥0.99			
Current THDi	≤3% (100% linear load)		≤5% (100% linear load)	
Bypass Voltage Range	220V +25% (optional +10%, +15%, +20%) 230V: +20% (optional +10%, +15%) 240V: +15% (optional +10%) Min. Voltage: -45% (optional -20%, -30%)			
Bypass freq. Range	Frequency protection range: ±10%			
ECO Range	Same as the bypass			
Generator Input	Support			
Output				
Rated Voltage	200/208/220/230/240VAC			
Power Factor	0.9			
Voltage Regulation	±2%		±1%	
Frequency	Utility Mode: ±1%/±2%/±4%/±5%/±10% of the rated frequency(Optional) Battery Mode: 50/60Hz (±0.1) Hz			
Crest Factor	3:1			
THD	≤2% with linear load ≤5% with non linear load			
Waveform	Pure Sinewave			
Efficiency	>93%			
Battery				
Voltage	±96/108/120Vdc (Optional)			
Backup Time	Long backup time unit depends on the capacity of external batteries, estimated remaining time displayed on the LCD			
Typical Recharge time	6-8 hour (to 90% of full capacity)			
Charging Current	1-10A settable according to battery installed			
Physical				
Dimension (WxHxD)mm	443x131x580 (3U)			
Weight (Kg)	23	25	23.5	25.5