

ONLINE UPS

ENVY RT 6~10KVA

PF 0.9 1:1 Phase

FEATURES

- ↑ PFC technology
- ↑ Automatic bypass
- ↑ Full digital control (DSP)
- ↑ DC start and ECO mode
- ↑ Wide input voltage range
- ↑ Online double conversion
- ↑ Emergency power off (EPO)
- ↑ Self-testing when UPS startup
- ↑ Input over/under-voltage protection



MODEL	6KVA	10KVA
Capacity (VA/Watts)	6KVA/5.4KW	10KVA/9KW
INPUT		
Nominal Voltage	220VAC / 230VAC / 240VAC (L+N+PE)	
Voltage Range	120VAC-276VAC	
Frequency	45Hz-55Hz/54Hz-66Hz±0.5Hz	
Power Factor	≥0.99	
Bypass Voltage Range	Max Voltage: 220VAC: +25% (Optional +10%, +15%, +20%) / 230VAC: +20% (Optional +10%, +15%) / 240VAC: +15% (Optional +10%) / Min Voltage: -45% (Optional -20%, -30%)	
Harmonics Voltage (THDi)	Linear load: <3%	
OUTPUT		
Output Voltage	220VAC / 230VAC / 240VAC±1%	
Voltage Regulation	±1%	
Power Factor	0.9	
Frequency	Line mode: ±1%, ±2%, ±4%, ±5%, ±10% / Battery mode: 50Hz/60Hz ±0.1Hz	
Crest Factor	3:1 (max)	
Efficiency	>91.5%	
Harmonics Voltage (THDv)	Linear load: <3% / Non-linear load: <5%	
Waveform	Pure sinewave	
BATTERY		
Backup Time	Depends on the capacity of external batteries	
Charging Time	6-8 hours to recover to 90% capacity	
Charge Current	10A (max) charge current can be set according to battery capacity installed.	
DC Voltage	±96VDC / ±108VDC / ±120VDC	
SYSTEM FEATURES		
Transfer Time	Utility to Battery: 0ms / Utility to Bypass: 0ms	
Audible and Visual Alarms	Line failure, Battery low, Overload, System fault	
Status LED and LCD Display	Load level, Battery level, AC mode, Battery mode, Bypass mode and Fault indicators	
Communication Interface	SNMP (Optional)	
ENVIRONMENTAL		
Humidity	0-95% Relative Humidity 0-40°C (Non-condensing)	
Noise Level	Less than <55dB	
PHYSICAL		
Dimension W x D x H (mm)	580 x 443 x 131 (3U)	
Net Weight (kgs)	23	25

*Specifications are subject to change without prior notice.