



eWit is a Single-Phase double conversion online uninterruptible power supply with high frequency technology. It offers true power protection for IT and critical loads across segments. eWit UPS is also solar compatible. It is also suited for workstations, ATMs, cash recyclers, POS, CCTVs and network accessories

EW-EOU1001

Key Features

- High power density
- Online double conversion with full digital control
- Selectable output voltage:220/230/240Vac
- Wide input voltage range:110~300Vac
- Input power factor 0.99 with PFC
- Maximum charging current up to 12A (long run unit)
- Emergency power off function
- ECO mode operation for energy saving
- Multiple communication interface:RS232 (USB/Dry contact/SNMP card optional)
- Self-testing when UPS start-up
- Generator compatible
- Cold start
- Intelligent fan speed regulation

Specification

Rating in KVA:	1 KVA Online
Technology:	IGBT-PWM
Input Voltage:	AC 110V – 300V 50Hz
Nominal Input Current:	7.73A
IN Rush Current Limit:	8 IRMS
DC Bus Voltage:	72 VDC
Efficiency:	92%
Power Factor Load Supported:	0.8

Overload Limit:	50% Overload for 3 Sec
THDi:	<9% Maximum @ 100% Load 230V Input
Input Power Factor:	0.99 Full Load @ 230V Input
Battery Backup Bank:	With Battery
Input Frequency Range:	45-55Hz/54-66Hz
Input Protection:	Breaker
OVCD:	Withstand 440Vac
Nominal Output Voltage:	200VAC/208VAC/220VAC/230VAC/240VAC
Output Power (VA):	1000VA
Output Voltage:	AC 230V +/-1% 50Hz
Output Power (W):	1600
Output Power Factor:	0.8
Output Waveform:	Pure Sine Wave
Output Transient Recovery:	100ms
Output Harmonic Distortion (THD%)	<3% THD, Linear Load @ Line Mode <3% THD, Linear Load @ Battery Mode, 12V Battery <7% THD, Non-Linear Load @ Line Mode <7% THD, Non-Linear Load @ Battery Mode, 12V Battery
Output Frequency in Inverter Mode:	45-55Hz/54-66HZ
Output Frequency Slew Rate:	1Hz/s
Transfer Time Inverter Mode to Battery Mode:	0ms
Transfer Time Inverter Mode to Bypass Mode:	4ms
Line Mode Efficiency @ Full Load with Battery Full Charged:	>90%
Battery Mode Efficiency @ Full Load 12VDC/Battery:	>86%
Battery Backup Provided with Online UPS:	Yes, with Battery
Backup Time:	15 Minutes
No of Battery Use:	6
Battery Make:	eWit
Accessories:	Rack for Battery
Additional Features:	Pure Sinewave AC Output
Design:	Floor Standing
Protection:	IP21
Working Temperature:	-10°C to +65°C
Casing:	Plastic
Installation:	Provided
Country of Origin:	India