



FULLY DIGITAL UPS

ET SERIES

6KVA~10KVA(1:1/3:1)
PF 0.9



ITALIAN TECHNOLOGY

Features

- High frequency and true double-conversion
- DSP digital control technology
- Wide input voltage range (100V-300V)
- Output power factor 0.9
- Optimized Battery configuration: 192V/240V
- Cold start
- Frequency adaptive
- ECO mode operation for energy saving
- 50/60Hz frequency converter mode
- Selectable output voltage via LCD
- Selectable battery shutdown voltage(EOD) via LCD
- Selectable input mode via LCD: 3/1 or 1/1
- Power-on self test



- Advanced battery management (ABM)
- Short circuit and overload protection
- Automatically charging battery at UPS off mode
- Fan speed auto control when load varies
- Standard RS232/USB communication port
- Standard emergency power off (EPO)
- Optional RS485/SNMP/AS400 communication port
- Optional extension battery bank
- Optional battery temperature compensation
- Optional built-in isolation transformer
- Optional manual bypass
- Optional N+X redundancy parallel

Rear Panel

- | | |
|-------------|-----------------------------|
| 1. AC Input | 7. EPO |
| 2. DC Input | 8. Manual Bypass(Optional) |
| 3. Outlet | 9. SNMP/AS400(Optional) |
| 4. FAN | 10. Breaker |
| 5. RS232 | 11. Parallel Card(Optional) |
| 6. USB | 12. BAT_NTC(Optional) |



6/10KS

15/20KH

6/10KH

Specification

MODEL		ET1106L14/L16/L20	ET1108L14/L16/L20	ET1110L14/L16/L20	ET3110L14/16/L20
Capacity		6KVA/5.4KW	8KVA/7.2KW	10KVA/9KW	10KVA/9KW
INPUT					
Rated Voltage		3/1: 360V/365V/380V/400V/415VAC; 1/1: 208V/210V/220V/230V/240VAC.(Set up by LCD display)			
Voltage Range		3/1: Half load (190–520) ± 5VAC, Full load (277–476) ± 5VAC; 1/1: Half load (100–300) ± 5VAC, Full load (160–300) ± 5VAC.			
Frequency		40–70Hz ± 0.5% (Auto sensing)			
Power Factor		3/1: ≥0.95; 1/1: ≥0.99.			
BYPASS					
Voltage Range		160V–Rated output voltage+32V			
Frequency		50/60Hz ± 5Hz			
OUTPUT					
Voltage		208V/210V/220V/230V/240Vac Setting available via LCD			
Voltage Regulation		± 1%			
Frequency		Synchronized with utility on AC mode; 50/60 ± 0.1Hz on battery mode			
Waveform		Pure sine wave			
Crest Factor		3:1			
Harmonic Distortion		≤2%(Linear load); ≤5%(Non–linear load)			
Transfer Time		AC mode to battery mode: 0ms Inverter mode to bypass mode: 0ms			
Overload Capability		105%–125%: Transfer to bypass after 3mins; 125%–150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms			
EFFICIENCY					
AC Mode		≥93%			
Battery Mode		≥92%			
ECO Mode		≥98%			
BATTERY					
DC Voltage		192V/240VDC (Adjustable from front panel)			
Inbuilt Battery of Standard Model		16/20*7AH	16/20*9AH	NO	
Charge Current	Standard Model	1A		NO	
	Long Time Model	10A			
Typical Recharge Time		8 hours recover to 90% capacity			
ALARM					
Utility Failure		Beep/4s			
Battery Low		Beep/1s			
Overload		Beep Twice/1s			
UPS Fault		Long Beep			
ENVIRONMENT					
Humidity		20~90% RH @ 0~40℃(non–condensing)			
Noise Level		≤58dB (1m)			
MANAGEMENT					
Standard RS–232 and USB		Supports Windows® 98/2000/2003/XP/Vista/2008/ Windows® 7/8			
Optional SNMP		Power management from SNMP manager and web browser			
PHYSICAL					
Dimension(mm) W × D × H		262 × 580 × 455(H)		262 × 580 × 732(S)	
Packing Dimension(mm) W × D × H		355 × 682 × 615(H)		359 × 687 × 937(S)	
Net Weight(kg)		25.0(H), 73.0(S)		25.5(H), 74.0(S)	
Gross Weight(kg)		28.5(H), 82.5(S)		29.0(H), 83.5(S)	

- Derate capacity to 70% in CUCF mode and to 90% when the output voltage is adjusted to 208Vac.
- 3/1 means three phase input and single phase output mode, 1/1 means single phase input and single phase output mode.
- S means standard model, H means long backup time model.

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

Mfd.By:



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Dealer :