

FT 22 SERIES UPS (6 - 10 - 15 KVA)

This series are specially designed for medium/small net center, computer room, mini intellectual device and finished apparatus in finance, communication, insurance, traffic, medical, education, manufacture, power and other enterprises.



Key Features and Benefits:

- True On Line double conversion design
- Sinewave pulse width modulation. (SPWM)
- IGBT design
- Fully digitized microprocessor control
- Wide input voltage range
- UPS start up without battery
- Cold start
- Advanced battery management
- Automatic battery charging in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed auto control when loads varies
- Optional extension battery pack
- Battery voltage display
- Load capacity display
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP card slot

Exclusive Distributor:



MODEL	FT2206	FT2210
Capacity	6 KVA	10 KVA
INPUT		
Input wiring	Single-phase three-wire 2 + N + PE	
Rated voltage	208/220/230/240Vac	
Voltage range	110 ~ 176 Vac (linear derating between 50% and 100% load); 176 ~ 288 Vac (no derating)	
Rated frequency	50 / 60 Hz (auto-sensing)	
Frequency range	40 ~ 70 Hz	
Power factor	> 0.99	
Bypass voltage range	- 40% ~ +15% (settable)	
Total harmonio distortion (THDi)	< 5%	
OUTPUT		
Output wiring	Single-phase three-wire 2 + N + PE	
Rated voltage	208 (PF=0.9) / 220 / 230 / 240 Vac	
Voltage regulation	± 1%	
Frequency	Synchronized to bypass in mains mode; 50 / 60 Hz ± 0.1 % Hz in battery mode	
Waveform	Sinusoidal	
Power factor	0,98	
Total harmonio distortion (THDv)	< 1% (linear load); < 4% (non-linear load)	
Crest factor	3:1	
Overload	105% ~ 110% for 10 min, 110% ~ 125% for 1 min, 126% ~ 150% for 30 s	
BATTERIES		
DC voltage	192 Vdc (192 ~ 240 Vdc settable)	
Number of battery	16 pcs (16 ~ 20 settable)	
Inbuilt battery (standard model)	12V/7Ah x 16	12V/9Ahx16
Charging current	Standard model: 1 A; Long time model: 5 A (default), 1 ~ 5 A settable, 12 A (optional; PF 0.9)	
Recharge time	Standard model: 90% capacity restored in 8 hours; Long time model: depend on the capacity of battery	
SYSTEM		
Efficiency	> 94% at 100% load, max. 95% at60% load, > 98% in ECO mode	
Transfer time	0 ms	
Protections	Short-circuit, overload, overtemperature, battery low voltage, overvoltage, undervoltage and fan failure	
Max. number of parallel connections	4	
Communications	RS232 (standard), USB / RS485 / dry contacts / SNMP / battery temperature compensation (optional)	
Display	LCD + LED	
OTHERS		
Operating temperature	0° C ~ 40° C	
Storage temperature	—25°C ~ 55°C (without battery)	
Relative humidity	0 ~ 95% (non-condensing)	
Altitude	< 1000 m, derating 1% for each additional 100 m	
IP rating	IP 20	
Noise level at 1 m	< 55 dB	< 58 dB
Dimensions (W x D x H) (mm)	191 x 465 x 711 (S) , 191 x 465 x 350 (H)	191 x 495 x 711 (S), 191 x 495 x 350 (H)
Packaged dimensions (W x D x H) (mm)	310 x 654 x 941 (S), 318 x 595 x 475 (H)	310 x 685 x 941 (S), 318 x 617 x 475 (H)
Net weight (kg)	53 (S) , 14.5 (H)	62 (S), 16.5 (H)
Gross weight (kg)	61 (S), 16 (H)	70 (S), 18 (H)

- S means standard model; H means long time model.
- All specifications are subject to change without notice.

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