

FT 22 SERIES  
6 KVA ~ 10 KVA  
PF 1.0



Specifications

MODEL	FT 2206	FT 2210
Capacity	6 KVA	10 KVA
<b>INPUT</b>		
Rated voltage	208V / 220V / 230V / 240Vac	
Voltage range	Half load (110 - 300) ± 5 Vac	
	Full load (156 - 300) ± 5 Vac	
Frequency	40 - 70 Hz (auto-sense)	
Power Factor	≥ 0,99	
Bypass voltage range	160V - rated output voltage + 32 V	
<b>OUTPUT</b>		
Voltage	208V / 220V / 230V / 240Vac (settable via LCD)	
Voltage regulation	± 1%	
Frequency	50/60 ± 0,05 Hz in battery mode	
Waveform	Sinusoidal	
Crest Factor	3:1	
Harmonic distortion	≤ 1 % (linear load); ≤ 5% (non - linear load)	
Transfer time	0 ms	
Overload capability	105% -125%: transfer to bypass in 10 min	
	125% -150%: transfer to bypass in 6 min	
	> 150 % : transfer to bypass in 300 ms.	
<b>EFFICIENCY</b>		
Mains mode	≥ 92%	
Battery mode	≥ 91%	
ECO mode	≥ 98%	
<b>BATTERIES</b>		
DC voltage	192V	
Inbuilt battery of standard model	16 x7 Ah	16 x 9 Ah
Charging current	1 A Standard model	
	1A / 3A / 5A / 8A	
Typical recharge time	8 h	
<b>ALARM</b>		
Utility failure	Beep / 4s	
Battery low	Beep / 1s	
Overload	Beep twice / 1s	
UPS fault	long Beep	
<b>ENVIRONMENT</b>		
Humidity	0 ~ 90 % RH @ 0 ~ 40 C ( non -condensing)	
Noise level	≤ 55 dB (1m)	
<b>COMMUNICATIONS</b>		
RS232 (standard) / USB (option)	Supports Windows 98/2000/2003/XP/Vista/2008/windows 7/8/10	
SNMP (option)	Power management from SNMP manager and web browser	
<b>OTHERS</b>		
Long time model	WxDxH (mm)	262x514x735
Standard model	WxDxH (mm)	262x514x455

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

Features

- High frequency and true double- conversion
- DSP digital control technology
- Input power factor correction (PFC)
- Wide input voltage range (110 V ~ 300V)
- Output power factor 1.0
- Cold start
- Auto sensing frequency
- ECO mode operation for energy saving
- Selectable output voltage via LCD
- 50Hz/60Hz frequency conversion mode available
- Selectable battery low voltage via LCD
- Power- on self test
- Advanced battery mangement (ABM)
- Short circuit and overload proteccion
- Automatic charging in OFF mode
- Fan speed auto control when loads varies
- Standard RS232 communication port
- Optional USB/SNMP communication port
- Optional emergency power off (EPO)
- Optional extension battery bank
- Optional manual bypass
- Optional N+X redundancy parallel

Rear Panel

1. AC input
2. Modem /Tel/Fax
3. DC input
4. Outlet
5. Fan
6. RS 232
7. USB (optional)
8. EPO (optional)
9. Manual bypass (optional)
10. SNMP /AS400 (optional)
11. Breaker
12. Parallel card (optional)
13. BAT\_NTC (optional)

