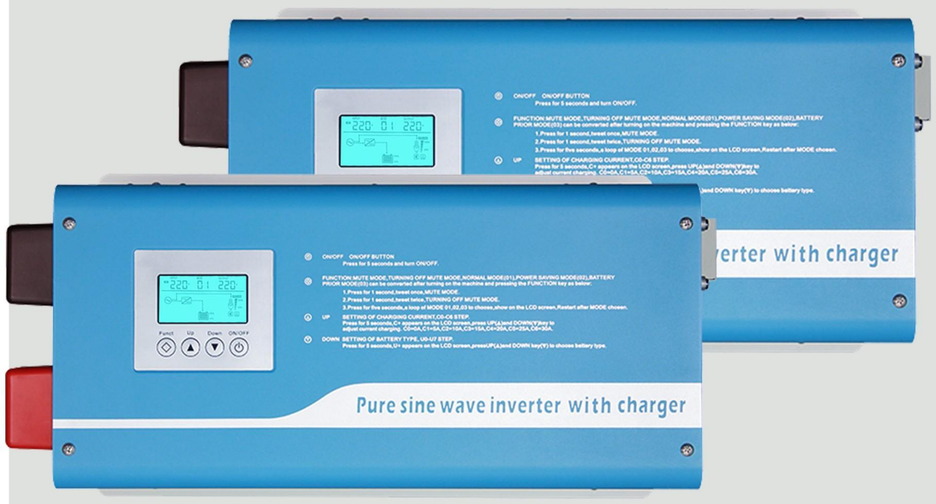
FT Low Frequency Inverter

1KW/1.5KW/2KW/3KW/4KW/5KW/6KW/8KW/10KW



MAIN FEATURES

- Pure sine wave
- Compatible work with LiFePO4 battery via RS485
- Low frequency(Built in ring transformer)
- Support multiple output priority: SBU,SUB
- Communication interface:RS232/RS485/Dry contact
- EQ function to optimize battery performance and extend lifecycle

Product Specifications

Model		FT-1000	FT-1500	FT-2000	FT-3000	FT-4000	FT-5000	FT-6000	FT-8000	FT-10K
Rated Power		1000W	1500W	2000W	3000W	4000W	5000W	6000W	8000W	10000W
Battery	Rated Voltage	12/24/48VDC			24/48VDC			48VDC	48/72/96VDC	
	Charge Current	30A(default) -CO-C6								
	Battery Type	U0~U7								
Input	Voltage Range	85~138/170~275VAC								
	Frequency	45~65Hz								
Output	Voltage Range	100/110/120VAC 200/210/220/230/240VAC							220/230/240VAC	
	Frequency	50/60Hz±1%(Inversion mode)								
	Output Wave	Pure Sine Wave								
	Conversion Time	<10ms(Typical load)								
	Efficiency	>85%(80% resistive load)								
	Overload	110~120%/60s;120~130%/10s 130~150%/2s;>150%/500ms								
	Protection Function	Battery overvoltage protection,battery undervotage protection,overload,protection, short circuit protection,overtemperature protection,etc.								
	Ambient Temperature For Operation	0~40°C								
	Ambient Temperature For Storage	-15~50°C								
	Operation/Storage Ambient	0~90% No Condensation								
Net Weight (KG)		14.2	15	17	19	25	29	32	49	52
Gross Weight (KG)		15	17	19	22	27	31	35	55	58