FTB Low Frequency Inverter

0.5KW/1KW/1.5KW/2KW/3KW/4KW/5KW/6KW

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		FTB-500	FTB-1000	FTB-1500	FTB-2000	FTB-3000	FTB-4000	FTB-5000	FTB-6000
Rated Power		500W	1000W	1500W	2000W	3000W	4000W	5000W	6000W
Battery	Rated Voltage	12/24VDC			12/24/48VDC	24/48VDC			48VDC
Input	Voltage Range	73~138/145~275VAC							
	Frequency	45~65Hz							
Output	Voltage Range	110/220VAC±5%(Inversion mode)							
	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 undervoltage protection, overload, protection, short circuit protecion, overtemperature protecion, etc.							
	Ambient Temperature For Operation	0~40°C							
	Ambient Temperature For Storage	-15~50°C							
	Operation/Storage Ambient	0~90% No Condensation							
Product Size:L*W*H(mm)		302*122*188	316*149*215	432*210*330			551*215*344		
Package Size: L*W*H(mm)		375*195*260	410*215*280	498*305*402			622*315*416		
Net Weight (KG)		5.8	8.2	16	18.5	20.7	25	32	32
Gross Weight (KG)		7	9	23	25.5	27.5	27	42	35