FTS Low Frequency Split Phase Inverter

2KW/3KW/4KW/5KW/6KW

MAIN FEATURES

- Pure sine wave 110VAC/220VAC
- 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		FTS-2000	FTS-3000	FTS-4000	FTS-5000	FTS-6000
Rated Power		2000W	3000W	4000W	5000W	6000W
Battery	Rated Voltage	12/24/48VDC	24/48VDC			48VDC
	AC Charge Current	30A(default)				
	Battery Type	can be set				
Input	Voltage(HOT1-HOT2)	170~275VAC				
	Frequency	45~65Hz				
Output	Voltage/Power(HOT1-HOT2)	220VAC/2KW	220VAC/3KW	220VAC/4KW	220VAC/5KW	220VAC/6KW
	Voltage/Power (N-HOT1)	110VAC/1KW	110VAC/1.5KW	110VAC/2KW	110VAC/2.5KW	110VAC/3KW
	Voltage/Power(N-HOT2)	110VAC/1KW	110VAC/1.5KW	110VAC/2KW	110VAC/2.5KW	110VAC/3KW
	Frequency	50/60Hz±1%(Inverter mode)				
	Output Wave	Pure Sine Wave				
	Conversion Time	<10ms(typical load)				
	Efficiency	>85%(80% Resistance load)				
	Overload	110~120%/60s;120~130%/10s 130~150%/2s;>150%/500ms				
	Protection	Battery overvoltage/low voltage,overload,short circuit protection,overtemperature protection,etc.				
Operating Ambient Temperature		0~40°C				
Storage Ambient Temperature		-15~50°C				
Operating/Storage Ambient		0~90% No condensation				
Machine Size:L*W*H(mm)		486*247*179		563*307*189		
Package Size:L*W*H(mm)		550*310*230		640*370*240		
Net Weight/Gross Weight(KG)		17/18	20/22	24/28	27/31	31/35