

FTS Series 1kw 12/24V MPPT 30/50A

Hybrid Solar Inverter



MULTIPLE PROTECTIONS



-  Over discharge protection
-  Reverse protection
-  Over voltage protection
-  Over charge protection
-  Over load protection
-  High current protection
-  Low current protection
-  Over temperature protection

9. Technical Data Sheet

Model	FT-S-1000W	FT-S-2000W	FT-S-3000W	FT-S-4000W	FT-S-5000W	FT-S-6000W
Rated Power	1000W	2000W	3000W	4000W	5000W	6000W
Input	Voltage (170-265) VAC					
	Frequency 45-65Hz					
Output	Voltage AC230V±3% (Battery Mode)					
	Frequency ±0.5Hz (Battery Mode)					
Output wave form	Pure Sine Wave					
Overall efficiency	>90%					
Solar Input Voltage	MPPT 12/24/48V to 150V					
Solar Charge Current	30A/40A/50A/60A					
Maximum Solar Input Power	12V System	420W	570W	700W	850W	
	24V System	840W	1130W	1400W	1700W	
	48V System	1680W	2260W	2800W	3400W	
Battery Form	Optional battery type (optional)					
Battery Rated Voltage	12/24/48VDC			24/48/96VDC		
Ac maximum charge current	0-35A(Optional) (96V maximum 15A)					
Protection	Overload, short circuit, battery high voltage and low voltage protection High voltage and low voltage protection					
Conversion mode	Online interactive					
Overload capacity	110%-120% of the output was maintained for 30 seconds, then the output turned to bypass, and more than 160% maintained the 300ms.					
Communication interface	RS-485					
Work environment	Temperature -20~+75°C					
	Humidity 10%~90%					
Size L*W*H	475X300X185mm			650X300X185mm		
N.W/G.W(kg)	14.7Kg	17.5Kg	19Kg	30Kg	32Kg	34Kg