

FLYFINE



Single Phase On-Grid Solar Inverter (4~15KW)



High Efficiency
Max.98.3%

MPPT

60~450Vdc



IP65



Maximize PV Input
Power(4 MPPTs)

CT

Current
Transformer



Wi-Fi

FLYFINE

Model	FTEH-4000S	FTEH-6000S	FH-10000S	FH-15000S
Input (DC)				
Max Input Power	4500W	9000W	13500W	18000W
Max. Input Voltage			500Vdc	
Start Voltage			90Vdc	
Rated Input Voltage			360Vdc	
MPPT Voltage Range			60Vdc ~ 450Vdc	
Number of MPPT Trackers	1	2	3	4
Number of Strings per MPPT	1/1	1/2	1/3	1/4
Max. Current per MPPT	18A	18A*2	18A*3	18A*4
Max short-Circuit Current per MPPT			23A	
Output (AC)				
Max. Output Current	17.5A	26.5A	43.5A	65.5A
Rated Output Power	4KW	6KW	10KW	15KW
Rated Grid Frequency			50Hz/60Hz	
Rated Grid Voltage			220Vac/ 230Vac/ 240Vac	
Power Factor			>0.99	
THDi			<3%	
Efficiency				
Max. Efficiency	98%	98.3%	98.3%	98.3%
European Efficiency	97%	97.3%	97.3%	97.3%
MPPT Efficiency			99%	
Protection				
DC Switch			Yes	
DC Reverse Polarity Protection			Yes	
Anti-Islanding Protection			Yes	
AC Short-Circuit Protection			Yes	
Residual Current Monitoring Unit			Yes	
Insulation Resistance Monitoring			Yes	
Ground Fault Monitoring			Yes	
Grid Monitoring			Yes	
PV String Monitoring			Yes	
Surge Protection			Yes	
Communication				
Display			Color LCD+LED+APP	
Communication			RS485 / RS232 / Wi-Fi	
Standard Compliance				
Certification			IEC/ 62109-1/2, IEC/ 61000-3/3	
General Data				
Dimensions, D * W * H (mm)	431*414.5*97	480*425*122.5	495*435.5*128	502*446.5*133.5
Weight (kg)	10	12	17.5	23.5
Operating Temperature Range			-10°C~60°C	
Cooling Method			Fan/Smart Cooling	
Protection Degree			IP65	
Max. Operating Altitude			4000M	
Humidity			5% to 95% Relative Humidity (Non-condensing)	
Topology			Transformerless	

* The AC voltage and frequency range can differ according to the grid standards of each country.
* Please note that all specifications are subject to change without prior notice.

Note: The technical data above mentioned may be updated or revised due to product development.
The data in this brochure is subject to change without notice.