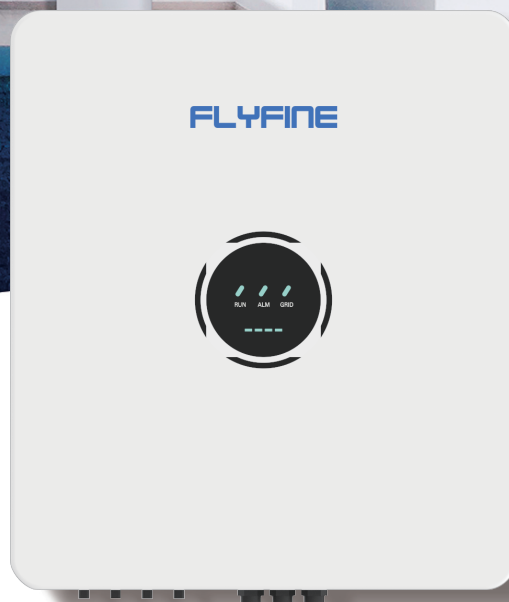


FLYFINE



Three Phase Hybrid Storage Inverter



Off-grid or Grid-tied
All-in-one Hybrid
Inverter



Wide Range of
Battery Voltage
180~750V



Efficient 1.5~2
DC/AC Ratio



UPS Function with
10ms Automatic
Switchover



100% Three-phase
Imbalance Output



Advanced Intelligent
Monitoring



IP65 Dustproof
and Waterproof
Rating



Smart Phase-level
Power Export
Limitation



Model	FH8000T		FH10000T		FH12000T		FH15000T	
Battery Input Data								
Battery Type	Lithium battery							
Battery Voltage Range(V)	180-750							
Max. Charge/Discharge Current(A)	30/30							
Max.Charge/Discharge Power(W)	8800		11000		13200		15000	
PV String Input Data								
Max.PV Input Power(W)	17000		21500		22500		22500	
Max. PV Input Voltage(V)	1000							
MPPT Range(V)	200-850							
SPS Start-up Voltage (v)	180							
MPPT Range For Nominal Power(V)	280-800		350-800		280-800		350-800	
Nominal PV Input Voltage (V)	620							
Max.Input Current(A)	15/15		15/15		15/30		15/30	
Max.Short Current(A)	20/20		20/20		20/40		20/40	
No.of MPPT Trackers	2							
Strings Per MPPT Tracker	1		1		1/2		1/2	
AC Output Data(On-grid)								
Nominal Power Output To Grid(VA)	8000		10000		12000		15000	
Max. Power Output To Grid(VA)*	8000		10000		12000		15000	
Max. Power From Grid (VA)	16000		20000		24000		25000	
Nominal Output Voltage(V)	380/400,3L/N/PE							
Nominal Output Frequency(Hz)	50/60							
Max.AC Current To Grid(A)	12.1		15.2		18.2		22.7	
Max. AC Current From Grid (A)	24.2		30.3		36		36	
Output Power Factor	1(Adjustable from 0.8 eading to 0.8 lagging)							
Output THDi(Nominal Power)	<3%							
Three Phase Unbalance	YES							
AC Output Data (Back-up)								
Max.Output Power(VA)	8000		10000		12000		15000	
Peak Output Power(VA)**	16000,1sec		20000,10sec		24000,10sec		24000,10sec	
Max.Ouput Current(A)	12.1		15.2		18.2		22.7	
Nominal Output Voltage (VAC)	3/N/PE,220/380,230/400							
Nominal Output Frequency(Hz)	50/60							
Output THDv(@Linear Load)	<3%							
Switch Time	<10ms							
Load Control	YES							
Efficiency								
MPPT Efficiency	99.90%		99.90%		99.90%		99.90%	
Max. Efficiency	98.30%		98.30%		98.40%		98.40%	
Euro-fficiency	97.50%		97.60%		97.60%		97.60%	
Protection								
Anti-island Protection	Integrated							
PV&Battery AFCI	Optional							
PV Reverse Protection	Optional							
Battery Reverse Protection	Optional							
Residual Current Monitoring Unit	Optional							
Over Current/Voltage Protection	Optional							
DC Switch(PV)	Optional							
Surge Protection	DC Type II/AC Type III							
Communication Interface								
Battery BMS	CAN							
EMS	RS485							
Meter	RS485							
DRED/RCR	YES(DI)							
Remote Shut Down	YES(DI)							
Dry-Point	YES(DO)							
Cloud	Wi-Fi,Bluetooth,4G(Optional)							
Display/User Interface	LED/APP							
General Data								
Operating Temperature Range(°c)	-25-60							
Relative Humidity(%)	0-100%							
Operating Altitude(m)	≤2000							
Cooling	Nature Cooling		Nature Cooling		Smart Fan Cooling		Smart Fan Cooling	
Noise(dB)	<35		<35		<50		<50	
Weight(kg)	29							
Size(W/H/D)(mm)	500*550*218							
Installation	Wall-Mounted							
Protection Degree	IP66(outdoor rapplcation)							
Certifications & Standards								
Grid Regulation	CE10-21;VDE4105-ARN;VDE0126-1-1;EN50549;G98,G99,G100							
Safety Regulation	IEC62109-1&2							
EMC	EN610006-1,EN61000-6-2,EN610006-3,EN61000-6-4,EN61000-4-16,EN61000-4-18,EN61000-4-29							

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.