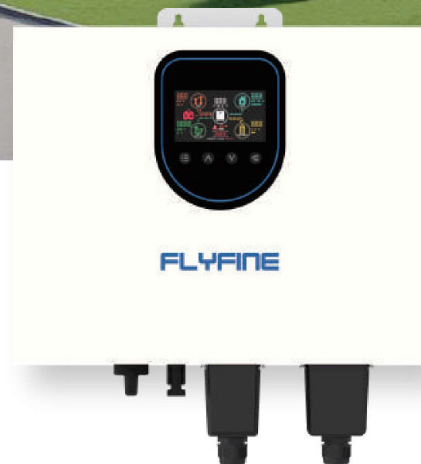




## Single Phase On-Grid Solar Inverter (6KW)



High Efficiency  
Max.98.3%



MPPT 60-450Vdc



IP65



Maximize PV Input  
Power(4 MPPTs)



CT Current  
Transformer



Wi-Fi

| Model                              | FTEH-6000S                                  |
|------------------------------------|---------------------------------------------|
| <b>Input (DC)</b>                  |                                             |
| Max. Input Power                   | 9000W                                       |
| Max. Input Voltage                 | 500Vdc                                      |
| Start Voltage                      | 90Vdc                                       |
| Rated Input Voltage                | 360Vdc                                      |
| MPPT Voltage Range                 | 60Vdc ~ 450Vdc                              |
| Number of MPPT Trackers            | 2                                           |
| Number of Strings per MPPT         | 1 / 2                                       |
| Max. Current per MPPT              | 18A/2                                       |
| Max Short-Circuit Current per MPPT | 23A                                         |
| <b>Output (AC)</b>                 |                                             |
| Max. Output Current                | 26.5A                                       |
| Rated Output Power                 | 6KW                                         |
| Rated Grid Frequency               | 50Hz/60Hz                                   |
| Rated Grid Voltage                 | 220Vac/ 230Vac/ 240Vac                      |
| Power Factor                       | >0.99                                       |
| THDi                               | <3%                                         |
| <b>Efficiency</b>                  |                                             |
| Max. Efficiency                    | 98.3%                                       |
| European Efficiency                | 97.3%                                       |
| MPPT Efficiency                    | 99%                                         |
| <b>Protection</b>                  |                                             |
| 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                                         |
| <b>Communication</b>               |                                             |
| Display                            | Color LCD+LED+APP                           |
| Communication                      | RS485 / RS232/ Wi-Fi                        |
| <b>Standard Compliance</b>         |                                             |
| Certification                      | IEC/ EN109-1/2, IEC/ 61000-4/3              |
| <b>General Data</b>                |                                             |
| Dimensions, D * W * H(mm)          | 480*425*122.5                               |
| Weight (kg)                        | 12                                          |
| 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                             |

\* Please note that all specifications are subject to change without prior notice.