

Hybrid Solar Inverter TDS Series



Smart control

Five smart control mode, auto switch for different demand



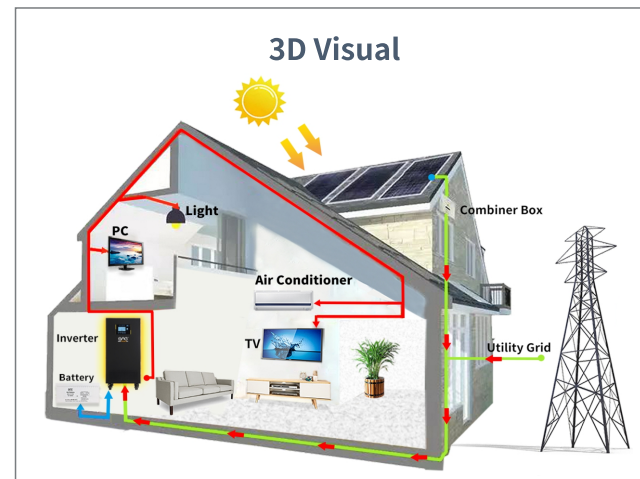
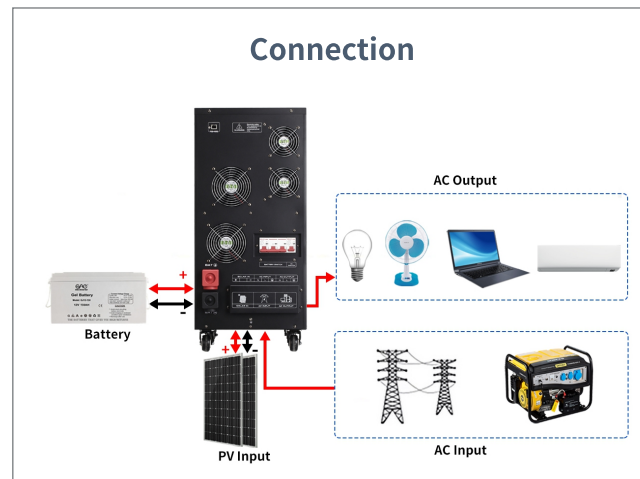
Stable & Durable

Triple surge power, stabilize power, stable and durable.



Battery Type

Support SLA/AGM/GEL/Lithium lifepo4 battery



Technical Specification

| Model | TDS-702 | TDS-103 |
|--------------------------------------|--|----------|
| Rated power | 7KW | 10KW |
| Surge power | 21KW | 30KW |
| AC Input & Output | | |
| Voltage | 220VAC | |
| Selectable Voltage Range | 140-275VAC (220/230/240VAC) ±4% | |
| Frequency Range | 50Hz/60Hz automatic recognition | |
| AC Voltage Regulation (BATT. Mode) | (DC Batt.mode)220vac ±3% | |
| Transfer Time | ≤8ms | |
| Wave Form | Pure Sine Wave | |
| Transformer type | Toroidal | |
| Transfer efficiency | ≥85% | |
| Battery | | |
| Battery Voltage | 48VDC | 48/96VDC |
| Type | Gel/SLA/AGM/Water/Lithium(lifepo4) Battery | |
| DC Charge Voltage | 40~64VDC(48V)/ 80~128VDC(96V) | |
| Solar charger & AC Charger | | |
| Maximum PVArray Open Circuit Voltage | 200VDC | |
| Maximum Pv Array Power | 5600W(48V)/11500W(96V) | |
| Maximum Ac Charge Current | 20A | |
| Maximum Solar Charge Current | 100A MPPT | |
| Maximum Charging Current | 120A | |
| Communication Portal | | |
| Type | RS485 | |
| Physical | | |
| Dimension, D*W*H(MM) | 640*400*820 | |
| G.W.(KGS) | 80 | 85 |
| Environment | | |
| Humidity | 0~95% (NO CONDESNSATION) | |
| Operating Temperature | 0~60°C | |
| Storage Temperature | 0~60°C | |

*Product Specifications Are Subject To Change Without Further Notice