

Hybrid Solar Inverter TDS Series



Intelligent Control

Five smart control mode, auto switch for different demand
RS485 communicational portal, for app & external screen control



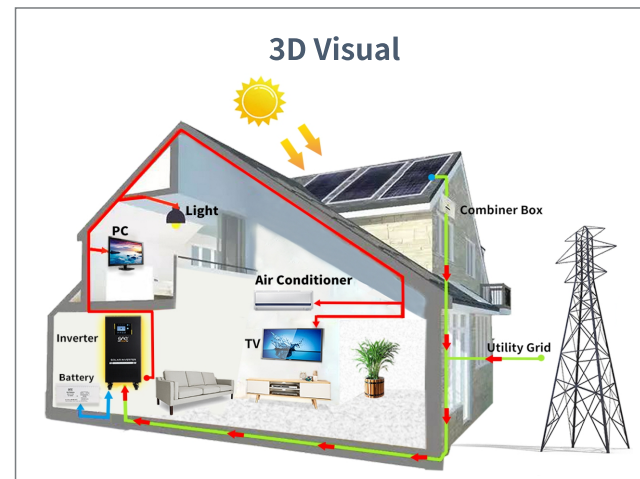
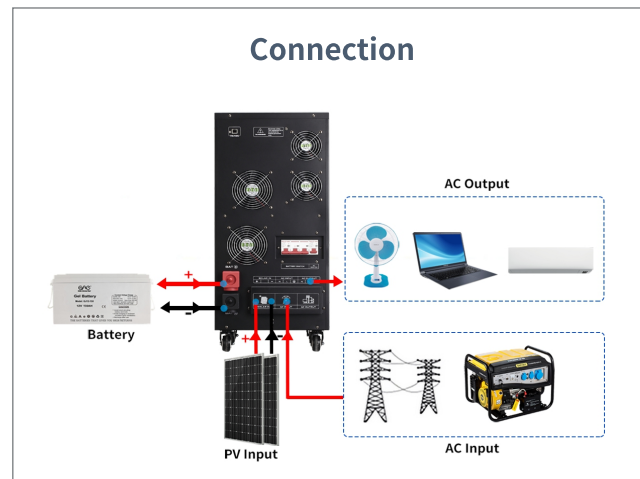
High Efficiency

Inverter transfer efficiency up to 85%
Inbuilt 20A AC & 100A MPPT charger efficiency more than 99%



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, available for wifi box & external control screen	
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