

Hybrid Solar Inverter
TG Series



Smart control

Five smart control mode, auto switch for different demand



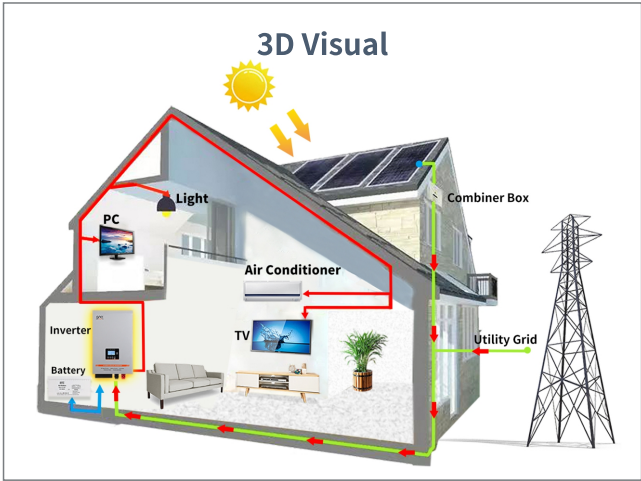
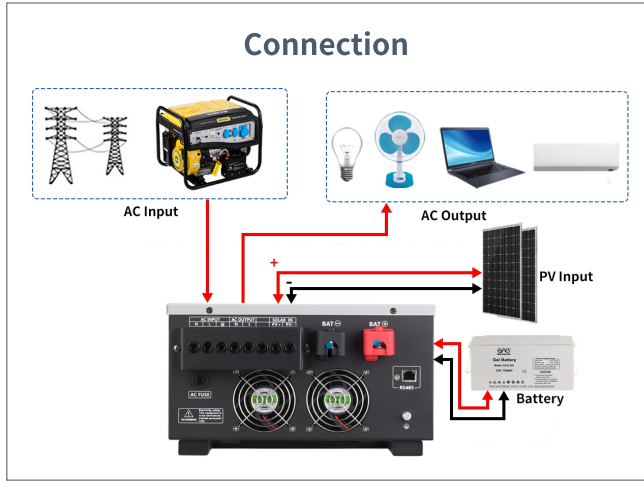
Stable & Durable

Inbuilt toroidal transformer, triple surge power, stabilize power, stable and durable.



Battery Type

Support SLA/GEL/AGM/lithium lifepo4 battery



Technical Specification

Model	TG-152	TG-202	TG-302	TG-402	TG-502	TG-602	TG-103
Rated power	1.5KW	2KW	3KW	4KW	5KW	6KW	10KW
Surge power	4.5KW	6KW	9KW	12KW	15KW	18KW	30KW
AC Input & Output							
Voltage	220VAC						
Selectable Voltage Range	165-275VAC (220VAC)						
Frequency Range	50Hz/60Hz automatic recognition						
AC Voltage Regulation (BATT. Mode)	(DC Batt.mode)220vac±3%						
Transfer Time	≤4ms						
Wave Form	Pure Sine Wave						
Transformer type	Toroidal						
Transfer efficiency	≥85%						
Battery							
Battery Voltage	12V/24V	24V	24V/48V	24V/48V			48V
Type	Gel/SLA/AGM/Water/Lithium(lifepo4) Battery						
DC Charge Voltage	12~16VDC(12V)/20~32VDC(24V)/40~64VDC(48V)						
Overcharge Protection	Battery voltage ≥16VDC (12V) ≥32VDC (24V) ≥64VDC (48V), stop charging after 60s alarm						
Solar Charge & Ac Charger							
Maximum PVArray Open Circuit Voltage	150VDC						
Maximum Pv Array Power	570W(12V)/1130W(24V)	1700W(24V)	1700W(24V)/3400W(48V)	2260W(24V)/4540W(48V)			5600W(48V)
Maximum Ac Charge Current	35A(adjustable)						
Maximum Solar Charge Current	40A MPPT	60A MPPT		80A MPPT			100A
Maximum Charging Current	75A	95A		115A			135A
Working mode							
01 mode	AC mains priority mode						
02 mode	ECO mode						
03 mode	DC battery priority mode						
04 mode	Generator mode						
05 mode	Unattended mode						
Communication Port							
Type	RS485						
Physical							
Dimension, D*W*H(MM)	610*490*210	610*490*280		760*500*290			882*580*240
G.W.(KGS)	19.5	22	25	32	35	36	65
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							

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