

MODEL: GRANDGLOW TL1100~TL6600



- Can be applied to various fields, mainly for solar power
- Strong IP65 protection, completed sealed cover suitable for harsh environment.
- Advanced MPPT tracking technology, Wide MPPT voltage range.
- No isolation transformer H6 full-bridge configuration, highest efficiency reach 98 %.
- Over voltage, short circuit, overload, overheating, Anti-islanding protection etc.
- Multiple Inverters can be operated in Parallel.
- LCD display, convenient for user to monitor main parameters.
- Support various Communication modes.

MODEL	TL1100	TL1500	TL2200	TL2800	TL3300	TL3800	TL4400	TL5500	TL6600
DC Input									
Maximum DC Input Power	1100W	1500W	2200W	2800W	3300W	3800W	4400W	5500W	6600W
Maximum DC Input Voltage	450VDC	450VDC	450VDC	500VDC	500VDC	500VDC	500VDC	500VDC	500VDC
Maximum DC Input Current	9A	10A	11A	12A	13A	17A	21A	26A	28A
MPPT Tracking Number/ Each Input String Number	1	1	1	1	1	1	1/2	1/2	1/2
MPPT Tracking Voltage Range	180- 450VDC	180- 450VDC	180- 450VDC	180- 500VDC	180- 500VDC	180- 500VDC	180- 500VDC	180- 500VDC	180- 500VDC
Power Off/On Voltage	100/200VDC								
AC Output									



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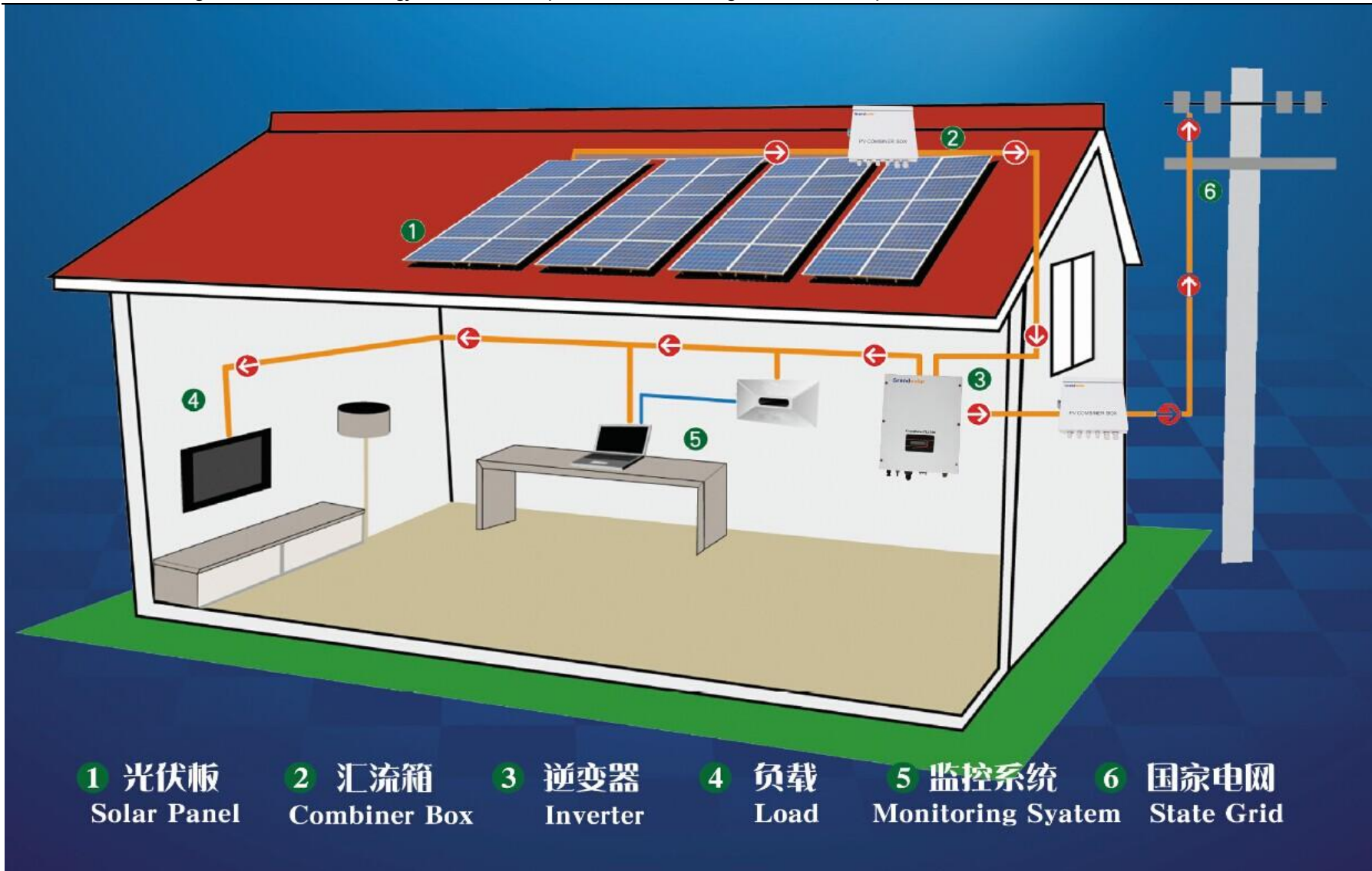
Rated Power	1100W	1500W	2200W	2800W	3300W	3800W	4400W	5500W	6600W
Voltage Range	Single Phase AC 230V(190-270V)								
Rated Voltage Range	230VAC								
Frequency	50Hz / 60Hz								
Phase number	Single Phase								
Power Factor	1								
Max Output Current	5A	7A	9A	11A	14A	15.5A	18A	23A	27A
Current THD	At Rated Power And In The Sine Wave < 3.5%								
Max Efficiency	97.5%	97.1%	97.4%	97.5%	97.5%	98%	98%	98%	98%
Europe Efficiency	96.5%	96.1%	96.2%	96.5%	97%	97%	97.2%	97.3%	97%
MPPT Efficiency	99.5%								
Structure									
Protection Degree	IP65								
Cooling Method	Nature Cooling								
Noise	< 50dB								
Data Interfaces	RS 485/ RS 232/ (Standard), WiFi Modular(Optional)								
Isolation type	Non-isolated								
Standby Power Consumption	0W								
LCD Display	LCD								
DC Switch	Integration								
Protection									



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Support	DC Input Switch, Anti-island, Output Over-current, Input Reverse Connection, DC/AC Surge Protection, Insulation Resistance Testing, RCD Testing, Upgrade WIFI								
RCD Testing	Support								
Protection (Inverter)	Input Overvoltage, Output Short Circuit, Overload, Overheat								
Protection (Grid)	Anti-islanding(IEEE1547), over/under voltage of grid, over/under frequency of grid.								
General Parameters									
Input Terminal	MC4								
Output Terminal	Connect Terminals								
Topology	No Transformer								
Warranty	5 Years Warranty, Can Be Extended to 10 years								
State Grid Function	Yes								
AC Switch	Integration								
Operation temperature Range	Air Flow, -10 °C ~40 °C (50 °C)								
Storage temperature	-25 °C ~ 60 °C								
Relative humidity	0~100%								
Environment	No Corrosion Gas, Flammable Gas, Gas Fumes and Dust Etc								
Altitude	6600 Feet 2000m, Max. 3000m								
Size	335*295* 160mm	335*295* 160mm	365*295* 160mm	400*305* 150mm	400*305* 150mm	450*405* 190mm	450*405* 190mm	450*405* 190mm	445*410* 210mm
Weight	8kgs	8kgs	8.5kgs	11kgs	11kgs	18kgs	18kgs	18kgs	20kgs
* OEM available, ODM available.									





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About Grandglow

Grandglow New Energy Technology Co., Ltd. is specialized in the field of R&D, manufacture and market of the New Energy Electrical & Electronic Products, including:

- Grid Tie Solar Inverter
- Off Grid Solar Inverter
- Solar Pump Inverter
- PV combiner box
- Solar Charge Controller
- Solar Power System Design and Install.

Company Area: 66000m², 4 workshops.

Quality Certification: CE, TUV, VDE, SAA, IEC, G83, En62019, etc.

Brand Concept:

- Higher Quality
- Higher Service
- Better Cost Performance.

Company Pursuit:

- Innovation
- Excellence
- Outstanding