



SINGLE PHASE SYSTEM

GT-SP2200 / 3300 / 3600 / 4600 / 5200

Export Control & Cable Monitoring

SINGLE PHASE DUAL MPPT

High Performance

- High MPPT efficiency up to 99.9%.
- Max DC to AC efficiency up to 97.6%.
- Dual MPP tracker can work either independently or parallel.
- Wide MPPT working range.

Flexibility and reliability

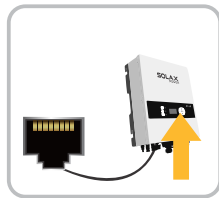
- Fanless design, quiet, low maintenance and long life span.
- High protection class IP65 for indoor and outdoor use.
- Easy installation, hang and fix, no need to align to the hole.
- Power factor adjustable.
- Export control, no impact to the grid
- Load control function (with an optional I/O card and sockets) reducing the energy cost.

User-friendly

- Integrated DC switch.
- Integrated WIFI and cabling function with free monitoring system.
- Easy upgrading via ethernet port.
- Professional settings with multilayer password management.



Load Remote Control



Easy Upgrading via
Ethernet Port



Export Control
to the Grid



Internal **WIFI** &
Remote Monitoring

SINGLE PHASE SYSTEM

Model	GT-SP2200	GT-SP3300	GT-SP3600	GT-SP4600	GT-SP5200
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► PV Modules

Number of modules	8	11	12	16	18
Company and series	Vikram Solar, Eldora Grand 300P				

► Inverter general specifications

Company and series	Solax, Single phase X1-LX series				
Number of MPP trackers	1	1	2	2	2
Strings per MPP	1	1	1	1	1
AC nominal power [W]	2000	3000	3600	4200	4600
Nominal AC voltage; range [V]	220/230/240 (180-280)				
AC nominal current [A]	9	13	16	18	20
Max AC current [A]	10	14	16	20	22
Efficiency MPPT/Euro/Max	99.9% / 97.0% / 97.6%				

► Safety and Protection

Over voltage/under voltage protection, DC isolation impedance monitoring	Available in all models
Grid monitoring, Ground fault current monitoring	Available in all models
DC injection monitoring, Residual current detection	Available in all models
Anti-islanding protection, Over heat protection	Available in all models

► Others

Dimension (W/H/D) [mm], Gross Wt. (Kg)	384 x 462 x 152.5, 20 Kg
Cooling concept, Noise emission	Natural cooling, <25 dB
Operating temperature range [°C]	-20~+60 (derating at 45)
Max. permissible relative humidity	0%~90% (non-condensing)
Altitude [Km]; Degree of protection	<2000 Km; IP65
Topology; Internal consumption [W]	Transformer-less; <3
LCD display	Backlight 16 x 4 character
Communication interface	Ethernet / WIFI / Dry contact / I/O(optional)
Standard warranty on inverter (years)	5 (10 Optional)