



Power Gitter Pro Series

Three Phase On-Grid Solar Inverter



About

Servotech is dedicated to creating value through transformative change, with a commitment to advancing a green future through sustainable development and relentless innovation. Our eco-friendly products are designed to lead the way in renewable energy and electric mobility. With an extensive presence spanning over two decades we have curated high value solutions.

Our green product portfolio features comprehensive solar solutions, including solar panels, inverters, and batteries. Our Power Gitter Pro Series On-Grid Solar Inverters are a notable addition to our robust lineup of efficient solar products, reflecting our forward-thinking approach. Recognizing the importance of integrating cutting-edge technology, we have developed these advanced On-Grid Solar Inverters. Servotech continues to push the boundaries of solar technology, ensuring we deliver superior performance and innovation to our customers.

Solar, Simplified with Power Gitter Pro Series On-Grid

Servotech's On-Grid Series Inverters with their new and improved advanced technology redefine the concept of renewable power. Crafted with sincerity, built on reliability, our Power Gitter Pro Series are a reflection of Servotech's long lasting legacy of technology driven reliable and durable products.

Here is why you should choose us :

- **Industry Leader:** As a pioneering solar solutions provider, Servotech leads innovation in the renewable energy sector, with products trusted by customers globally.
- **Precision Engineering:** Our On-grid solar inverter are expertly crafted for efficient energy conversion, ensuring maximum power output from your solar panels.
- **High Efficiency:** Designed with a focus on optimal performance, Servotech inverters provide high energy conversion rates, lowering electricity costs and maximizing your solar investment.
- **User-Friendly Design:** Featuring easy-to-use interfaces and simple installation, our inverters offer a seamless experience, making solar power accessible and convenient for all households.

Power Gitter Pro Series

Three Phase On-Grid Solar Inverter



Capacity **30kW-60kW**

CORE FEATURES



**Maximum efficiency
upto 99.09%**



**100% In-house R&D,
production & testing facility**



**IP 65 with fire, water
& 1k 10 resistance cabinet**



**Wide DC & AC voltage
range**



**100% indian design to
work in harsh conditions**

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Three Phase On-Grid Solar Inverter

Technical Specifications

Three Phase (30kW – 60kW)							
Model	30kW ST-ONGINV30KW/S3	33kW ST-ONGINV33KW/S3	35kW ST-ONGINV35KW/S3	40kW ST-ONGINV40KW/S3	45kW ST-ONGINV45KW/S3	50kW ST-ONGINV50KW/S3	60kW ST-ONGINV60KW/S3
Input (DC)							
Max Peak DC Input Power (KW)	36	39.6	42	48	54	60	60
Max. DC I/P (V dc)	1100Vdc						
Max. MPPT I/P Current (A)	30A						
MPPT Short Circuit Current (A)	46A						
MPPT Tracking Voltage (Vdc)	200-1000Vdc						
Min. Start Voltage (V)	200Vdc						
Number of MPPT Tracker	3			4			
Strings per MPPT Trackers	2						
Output (AC)							
Rated output power (kw)	30	33	35	40	45	50	60
Rated Grid Voltage (V)	380V-400V (300V – SOOV)						
Nominal Grid Freq.(Hz)	50Hz/60Hz						
Max. output Current AC (A)	43.35	47.68	50.57	57.80	65.02	72.25	86.70
AC Connection (With PE)	3P + N + E						
THDI (%)	<3% (At Rated Power)						
Output Power Factor (%)	0.8 Leading... 1. 0.8 Lagging						
Efficiency							
Max. Conversion Eff.(%)	98.0			98.7			
Max. Euro Efficiency (%)	97.5			98.3			
Protection							
Anti-Islanding Protection	Yes Integrated						
Insulation Resistance Detection	Yes Integrated						
Residual Current Monitoring	Yes Integrated						
Over Voltage Protection	Yes Integrated						
DC Switch	Inbuilt						
Surge Protection	MOV / SPD / Filters						
General Data							
Dimensions(W*H*D) mm	580*435*242mm						
Weight (Kg)	40Kg						
Noise Emission (db)	<30dB						
Display	LED with LCD Display						
DC Connection Type	MC-4						
AC Connection Type	Terminal Block						
Communication Interface	WiFi/ GPRS/ RS 485						
Cooling Method	Natural Convection / Smart Fan Cooling						
Operating Ambient	-25 C – +60°C						
Relative Humidity	0% – 100%						
Max. Operating Altitude(m)	2000 (>2000 Derating)						
Protection Class	IP65						
Night Stand By Power Consumption (w)	<1						
Standard Warranty	Standard 5 years; 8/10 years optional						



INDIA'S MOST TRUSTED



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Safiabad Plant: Killa No. 14/6/1/2 (0-3), 6/2/3 (5-13) Village-Safiabad, Pana Paposhian, Rai, Sonipat, Haryana-131029

