

## **Power Gitter Mega 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 Mega 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 Mega 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 Mega Series

## Three Phase On-Grid Solar Inverter



### Core Features



Inbuilt AC/DC SPD'S with DC fuse



Suitable for high watt peak panels mono perc, TOPcon & bifacial



IP65 & IP66 dynamic intelligent cooling & string level monitoring



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



Individual string level monitoring  
RMS available

# Power Gitter Pro Series

## Three Phase On-Grid Solar Inverter

### Technical Specifications

Three Phase (60kW – 110kW)							
Model	ST-PGM- ONGINV60KW/S33	ST-PGM- ONGINV70KW/S33	ST-PGM- ONGINV75KW/S33	ST-PGM- ONGINV80KW/S33	ST-PGM- ONGINV90KW/S33	ST-PGM- ONGINV100KW/S33	ST-PGM- ONGINV110KW/S33
Input (DC)							
Max Peak DC Input Power (kW)	72	84	90	96	100	120	130
Max. DC I/P (V dc)	1100Vdc						
Max. MPPT I/P Current (A)	36A			48A & 36A		60A	
MPPT Short Circuit Current (A)	45A			60A & 45A		75A	
MPPT Tracking Voltage (Vdc)	250-1000V						
Min. Start Voltage (V)	250VDC						
Number of MPPT Tracker	4						
Strings per MPPT Trackers	3			4+3		5	
Strings Level Monitoring	Inbuilt						
Output (AC)							
Rated output power (kw)	60	70	75	80	90	100	110
Rated Grid Voltage (V)	400V (300V – 500V)						
Nominal Grid Freq.(Hz)	50Hz/60Hz						
Max. output Current AC (A)	86.7	101.2	108.4	115.6	130.1	144.5	159.0
AC Connection (With PE)	3P + N + E/ 3P + E						
THDI (%)	<3% (At Rated Power)						
Output Power Factor (%)	0.8 Leading... 1. 0.8 Lagging						
Efficiency							
Max. Conversion Eff.(%)	98.9						
Max. Euro Efficiency (%)	98.5						
General Data							
Dimensions(W'H'D) mm	705'650'283mm					800*672'315mm	
Weight (Kg)	75kg					85kg	
Noise Emission (db)	<60dB						
Display	LED Indications for IP66/ LCD Optional						
DC Connection Type	MC-4						
AC Connection Type	Terminal Block						
Communication Interface	WiFi/ GPRS/ RS 485 / String level Monitoring						
Cooling Method	Intelligent Force Cooling + Natural Cooling						
Operating Ambient	- 25°C – +60°C						
Relative Humidity	0% – 100%						
Max. Operating Altitude(m)	5000 (>4000 Derating)						
Protection Class	IP66/ IP65						
Night Stand By Power Consumption (w)	<5						
Standard Warranty							
Protection							
Safety Standard	Yes Integrated						
Environment Protections	Yes Integrated						
Anti-Islanding Protection	Yes Integrated						
Insulation Resistance Detection	Yes Integrated						
Residual Current Monitoring	Integrated / Inbuilt						
DC Switch	Supported						
Surge Protection	DC/AC : Type II (DC Fuse)						



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**रहो रेशन  
बिना टेंशन...**

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