

## **Power Gitter Mega Series** **Three Phase On-Grid Solar Inverter**



## About Servotech Renewable

Servotech Renewable Power System Ltd. (NSE: SERVOTECH) is India's leading manufacturer of advanced clean energy solutions, specializing in solar Solutions, BESS and EV charging solutions. With a robust pan-India presence, agile manufacturing, and strong R&D capabilities, Servotech is driving India's transition toward a sustainable, energy-independent, and technologically empowered future. Through continuous innovation, strategic collaborations, and large-scale deployments, the company delivers reliable, high-performance solutions that support the nation's clean energy goals. Servotech's comprehensive portfolio spanning solar panels, inverters, Lithium batteries, and EV chargers reflects its commitment to engineering excellence and environmental stewardship. By aligning business growth with global sustainability standards, Servotech stands as a catalyst in shaping India's green energy transformation and powering a cleaner tomorrow.



# Power Gitter Mega Series

## Three Phase On-Grid Solar Inverter

Capacity **60kW-110kW**



### 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
<b>Input (DC)</b>							
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						
<b>Output (AC)</b>							
Rated output power (kw)	60	70	75	80	90	100	110
Rated Grid Voltage (V)	400V (300V - SOOV)						
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						
<b>Efficiency</b>							
Max. Conversion Eff.(%)	98.9						
Max. Euro Efficiency (%)	98.5						
<b>General Data</b>							
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							
<b>Protection</b>							
Safety Standard	Yes Integrated						
Environment Protections	Yes Integrated						
Anti-Islanding Protection	Yes Integrated						
Insulation Resistance Detection	Yes Integrated						
Residual Current Monitoring	Integrated / Inbuild						
DC Switch	Supported						
Surge Protection	DC/AC : Type II (DC Fuse)						

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