



Power Gitter Pro 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.



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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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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 TRUSTED



CONTACT US

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Warehouse: Khasra No. 8/5, 6, 14/2, 15/1, 16/2 Min & 17, Jakhauli Road, Jhundpur, Sonipat, Haryana - 131021

Reg. Add. & Kundli Plant: Khata No. 1970, Khewat No. 1672, Khasra No. 21/20/2/2, Revenue Estate, Kundli, P.S.Rai, Sonipat, Haryana - 131029

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

