



Experienced

Reliable

Powered by
TATA
engines

Easy



POWERLITE
EXPERIENCED, RELIABLE, EASY

ABOUT US

Powerlite Generator Systems is the authorized Original Equipment Manufacturer of TATA engine powered generators and is a part of Techno Machine Tools group with over 40 years of experience in service & maintenance of industrial power generators.



AMF Panel



Engine Controller

FEATURES OF CANOPY DESIGN

- Standardized canopy design with heavy duty materials, while making our canopies one of the heaviest & largest in their class, also make them the most spacious for heat dissipation, durability & ruggedness with lowest operating cabin temperatures
- Fire retardant high density PU foam gives best sound resistance
- Powder coated with eight stage pre-treatment process to give enclosure a superior & long-lasting finish.

Powered by

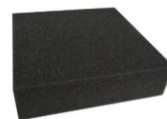
TATA
engines

TATA GENSETS

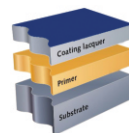
- Product from India's most trusted brand with over 50 years of expertise in engine design
- Over 7000 Tata Motors authorised retailers making availability of spares easy in every corner of the country
- Designed for smooth operation even in hot summer months
- Standardized box sizes for easy serviceability
- Lowest fuel consumption
- Minimum cost for maintenance, spares & services
- Microprocessor based engine controller



Manufactured using CNC Machines



Fire Retardant HD Foam for highest sound absorption



>90 µm thermoset powder coat for long-lasting finish

GENSET SPECIFICATIONS

KVA Rating	25	30	35	40	45	62.5	75	82.5	82.5	100	125
Engine Model	4SPTCIC	4SPTCIC	4SPTCIC	4SPTCIC	4SPTCIC	497TCIC	497TCIC	497TCIC	697TCIC	697TCIC	697TCIC
Power (HP)	40	40	48	56	56	83	90*	99*	109	125	154
Current (Amps)	35	42	49	56	63	87	104	114	114	139	174
KW	20	24	28	32	40	50	60	66	66	80	100
Cylinders	4	4	4	4	4	4	4	4	6	6	6
Engine Displacement (Ltrs)	2.96	2.96	2.96	2.96	2.96	3.8	3.8	3.8	5.7	5.7	5.7
Battery Capacity	90 Ah	90 Ah	90 Ah	90 Ah	90 Ah	100 Ah	100 Ah	100 Ah	130 Ah	130 Ah	130 Ah
Fuel Tank Capacity (Ltrs)	120	120	120	120	120	150	150	150	170	170	200
Lube Sump Capacity (Ltrs)	8	8	8	8	8	9	9	9	17	17	17
Coolant Capacity (Ltrs)	13	13	13	13	13	16	16	16	24	24	24
Length (mm)	2250	2250	2250	2250	2250	2600	2600	3000	3300	3300	3300
Width (mm)	1030	1030	1030	1030	1030	1100	1100	1100	1050	1050	1200
Height (mm)	1300	1300	1300	1300	1300	1485	1485	1485	1600	1600	1800
Weight (Kgs)	1075	1095	1150	1195	1225	1395	1470	1490	1850	1920	2250
Common Specifications	Engine RPM - 1500 RPM, Power Factor - 0.8, Frequency 50 Hz, Starting Voltage - 12 V, Cooling System - Liquid Cooled, Lube Oil - 15W40 CI4+, Lube Oil Consumption - 0.1% of fuel, Fuel Injection System - Bosch Inline, Aspiration - Turbo Charged & Inter-cooled										

* Engine capacity at 110% load.

POWERLITE
GENERATOR SYSTEMS (P) LTD

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Authorized dealer



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MACHINE TOOLS



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Over four decades of experience in spares & services for Diesel Generators, Dozers, Excavators, Graders and Compressors