

# POWER GENERATOR SETS & BRUSHLESS ALTERNATORS

*From India's welding power house  
at unbelievable prices!*



Powergen Set  
15 KVA



Powergen Set  
30 KVA



Powergen Set  
62.5 KVA



Powergen Set  
75 KVA



Powergen Set  
125 KVA

- Tough, Tenacious, Reliable and Economical at site.
- Latest Designs Conforming to Environment Friendly CPCB Norms.
- Sets built with sound-proof acoustic canopy with fire resistant lining / foam designed for ease of maintenance.
- Brushless maintenancefree, operationally efficient DG Set. Micro-controller based AMF panel option available.
- Lower overall operating cost – longer lube oil change intervals
- Stainless steel rustproof hardware provided for entire canopy assembly.



*Efficient and maintenance free  
brushless alternators in the  
range from 15 to 125 KVA*



## ADOR WELDING LIMITED

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# POWER GENERATOR SET

## *Silent Power Generators with Brushless Alternators*

### Technical Specifications :

MODEL	Unit	Powergen T 15	Powergen T 30	Powergen T 62.5	Powergen T 75	Powergen T 125
<b>Alternator</b>						
Type		Brushless	Brushless	Brushless	Brushless	Brushless
Rating						
Three Phase	KVA/KW	15 / 12	30 / 24	62.5 / 50	75 / 60	125 / 100
Rated Voltage						
Three Phase	VOLT	415	415	415	415	415
Voltage Regulation	-	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Duty Rating	-	S1	S1	S1	S1	S1
Altitude	Mtr	1000	1000	1000	1000	1000
Ambient Temp.	Deg. C.	40	40	40	40	40
Power Factor (Lagging)	-	0.8	0.8	0.8	0.8	0.8
Generally conforms to	IS	4722 / 13364	4722 / 13364	4722 / 13364	4722 / 13364	4722 / 13364
Speed	RPM	1500	1500	1500	1500	1500
Degree of Protection	IP	23	23	23	23	23
Overload Capacity	%	10% OL for 1 Hr. in 6 Hrs.	10% OL for 1 Hr. in 6 Hrs.	10% OL for 1 Hr. in 6 Hrs.	10% OL for 1 Hr. in 6 Hrs.	10% OL for 1 Hr. in 6 Hrs.
Max. Load unbalance	%	25%	25%	25%	25%	25%
Short Ckt Withstand Capacity	-	3 times FLC for 3 Sec.	3 times FLC for 3 Sec.	3 times FLC for 3 Sec.	3 times FLC for 3 Sec.	3 times FLC for 3 Sec.
Insulation	Type	H	H	H	H	H
<b>ENGINE</b>						
Make-Ashok Leyland		ALGP G15.E5	ALGP WO4D.E4	ALGP WO4CTI.E4	ALGP 411TC.E4	ALGP 680TC.E4
Exhaust pollution compliance	-	CPCB Norms	CPCB Norms	CPCB Norms	CPCB Norms	CPCB Norms
Aspiration	-	N. A.	N. A.	T. C. A.	T. C.	T. C.
Cooling	Type	Water	Water	Water	Water	Water
Engine rating	BHP	21.8	43	75.5	93	151
No. of Cylinders		2	4	4	6	6
Conforms to		ISO 3046	BS 5514	BS 5514	BS 5514	BS 5514
Starting (12 V)	Type	Electric	Electric	Electric	Electric (24 V)	Electric (24 V)
Fuel	-	Diesel	Diesel	Diesel	Diesel	Diesel
Safety protections	-	Auto Shut off In the event Of low lub. Oil Pressure or high Cylinder Head temp.	Auto Shut off In the event Of low lub. Oil Pressure or high Cylinder Head temp.	Auto Shut off In the event Of low lub. Oil Pressure or high Cylinder Head temp.	Auto Shut off In the event Of low lub. Oil Pressure or high Cylinder Head temp.	Auto Shut off In the event Of low lub. Oil Pressure or high Cylinder Head temp.
<b>GENERAL</b>						
Fuel tank capacity	Ltrs.	65	90	125	205	190
Circuit Breaker	-	Yes	Yes	Yes	Yes	Yes
AMF controller	-	Optional	Optional	Optional	Optional	Optional
Noise Level at 1 mtr.	-	75 dbA	75 dbA	75 dbA	75 dbA	75 dbA
Output Receptacle	-	Yes	Yes	Yes	Yes	Yes
<b>Dimension &amp; Weights</b>						
Skid Mtd.						
Length	mm	2400	2400	2800	3850	3850
Width	mm	900	900	1150	1250	1600
Height (incl. Silencer)	mm	1800	1850	2100	2350	2700
Weight (net)	Kgs.	1050	1150	1900	2200	2500
<b>2W, Tractor mounted</b>						
Length	mm	3350	3350			
Width	mm	1400	1400			
Height (incl. Silencer)	mm	2400	2400			
<b>4W, Tractor mounted</b>						
Length	mm	3800	3800			
Width	mm	1400	1400			
Height (Incl. Silencer)	mm	2450	2450			
Weight (net)	Kgs.	1050	1200			

NA - Naturally aspirated TC - Turbo Charge TCA - Turbo Charge after Cooled

In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/  
change the design and / or the specifications without any prior notice.

Contact Authorised Distributor:



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