



YOUR POWER TO SUCCESS

BEST FUEL ECONOMY
BEST COST OF OWNERSHIP

BEST IN RELIABILITY
BEST IN CLASS SERVICE



* Terms and conditions apply



AFFINITY POWER PRIVATE LIMITED

Authorised OEM of Eicher Engines

A unit of TAFE MOTORS AND TRACTORS LIMITED
(A wholly owned subsidiary of TAFE)

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OSWAL GENSET CARE

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You can rely on us...

TECHNICAL SPECIFICATIONS

GENSET

Power (kVA)	5	7.5	10	15	20	25	30	35	40	45	50	60	100	125	
Genset Model	AP005 - SP AP005 - TP	AP007 - SP AP007 - TP	AP010 - SP AP010 - TP	AP015 - SP AP015 - TP	AP020 - SP AP020 - TP	AP025 - SP AP025 - TP	AP030 - SP AP030 - TP	AP035 - SP AP035 - TP	AP040 - SP AP040 - TP	AP045 - SP AP045 - TP	AP050 - TP	AP060 - TP	AP100 - TP	AP125 - TP	
Duty	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime	
Control Panel	Options Available for AMF/Manual Control														
Acoustic Insulation	PU FR- Acoustic Foam														
DG Dimensions in mm	L	1500	1500	1800	1800	2050	2050	2250	2250	2350	2350	2500	2500	3300	3300
	B	850	850	900	900	900	900	1000	1000	1000	1000	1100	1100	1300	1300
	H	1250	1250	1275	1275	1275	1275	1425	1425	1425	1425	1575	1575	1700	1700
Fuel Tank Capacity (Lt.)	50	50	75	80	100	100	100	100	100	100	125	125	250	250	
Weight of DG Set (Kg) **	650	700	890	900	1035	1050	1200	1225	1270	1330	1470	1470	2125	2125	

ENGINE

Engine Manufacturer	TAFE Motors and Tractors Limited														
Engine Brand	Eicher Engines							TMTL Engines							
Engine Model	110A0-EG008	110A0-EG008	115A0-EG010	220A0-EG015	329A0-EG025	329A0-EG025	329A0-EG030	329A0-EG035	333W0-EG040	333W0-EG045	333W0-EG060	333W0-EG060	449W0-EG100	449W0-EG125	
No. of Cylinders	1	1	1	2	3	3	3	3	3	3	3	3	4	4	
Aspiration	Naturally Aspirated							Turbo Charged Inter-cooled							
Engine BHP (gross)	11.3	11.3	17.6	24	35	35	41	46	54	60	74.8	74.8	160	160	
Reference Standard	Engine - BS: 5514, ISO: 3046, IS: 10000, Genset - ISO: 8528														
Displacement (cc)	982	982	1558	1963	2945	2945	2945	2945	3298	3298	3298	3298	4910	4910	
Compression Ratio	17.5 : 1	17.5:1	18:1	17:1	17:1	17:1	17:1	17:1	17.5:1	17.5:1	17.5:1	17.5:1	17:01	17:01	
Type/Class of Governing	Mechanical / G2							Electronic / G3							Electronic / Isochronous
Bore x Stroke (mm)	100x125	100x125	115x150	100x125	100x125	100x125	100x125	100x125	108x120	108x120	108x120	108x120	108x134	108x134	
Type of cooling	Air Cooled							Water Cooled							
Lub oil Sump capacity (with filters)	5	5	7.5	8	9.5	9.5	9.5	9.5	8	8	8	8	18	18	
Engine Electrical System	12V, 80/85 Ah			12V, 88/90 Ah					12V, 99/100 Ah					12 V DC, 130 Ah	

ALTERNATOR

Phase	1 Phase-2 wire / 3 Phase-4 wire										3 Phase-4 wire		3 Phase-4 wire	
Voltage	240 V AC / 415 V AC										415 V AC		415 V AC	
Power Alternator Type	Single Bearing, Brushless, Single / Three Phase, Insulation Class H, Voltage regulation +/- 1%, make - CG / Leroy Somer / Mecalte / Stamford													
Power Factor	0.8 lag													
Rated speed / Freq	1500 RPM / 50 Hz													

Because of continuous improvements, product specifications and features described herein are subject to change without notice | DG Set Noise level conforming to CPCB norms

** 1. The weight of the DG Sets is approximate only (With engine lube oil and coolant as applicable but without the Diesel). 2. Tolerance applicable on the weight of the DG Sets +/- 50 Kg owing to variation in the genset accessories and different makes of the alternator.

WARRANTY TERMS

Warranty period covers 2 Years or 5000 Hours run* (whichever is earlier)
Warranty on 5C covers 5 Years or 5000 Hours run* (whichever is earlier)
* Terms and conditions apply

PRIME POWER (PRP)

Applicable for supplying power to varying electrical load for unlimited hours.
Prime Power (PRP) is in accordance with ISO 8528.
10% overload capability is available in accordance with ISO 3046, AS 2789, DIN 6271 and BS 5514.



TMTL GENSET CONTROL UNIT

Protection for Over / Under Voltage / Frequency / Speed, Over load, Canopy FAN fault[#] Load imbalance, Low Lube oil pressure, High cylinder / water temperature, Low Fuel level, Radiator water low, Charging alternator / V-Belt failure etc. Service due prompt - Control unit will display the Service due alert based on running hours

[#]Applicable for Air-cooled DG sets only.