

20KVA CPCB & ARAI Approved DG Set Model # THY22



THY22 Diesel Gen-set supplied by Aishwarya Telecom adopts YANG DONG (Made in China) engine, Tellhow alternator and the world famous brand controlling system, which has high quality and fits the standard system of GB/T2819, GB/T2820 and the Y485 engine has acquired the EPA certificate for its low emission level.

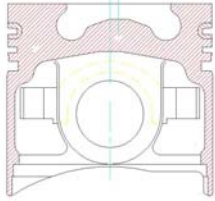
SPECIFICATIONS OF GEN-SET	
1	Manufacturer's Name : YANGDONG CO.,LTD
2	Engine family identified
3	Engine Model YND485ZL
4	Engine layout (inline / V) inline
5	Working principle : 2 / 4 stroke 4 stroke
6	Bore x Stroke (mm) 85 x95
7	Cylinder number 4
8	Total swept volume (cm ³) 2156
9	Displacement / cyl. (ltr / cyl) 0.539
10	Rated speed (rpm) 1500
11	Rated power (kW) 25
12	Power / cylinder (kW / cyl) 6.25
13	BMEP at rated power (bar) 927.6
14	Combustion type : DI / IDI DI

AISHWARYA TELECOM LIMITED

1-3-1026 & 1027, AISHWARYA HOUSE, KAWADIGUDA, HYDERABAD – 500 080, INDIA

• Phone: +91(40) 27531324 to 28 • Fax: 27535423

• Website: www.aishwaryatelecom.com

15	Type of combustion chamber (attach the diagram)	
16	Cooling type (Air cooled / water cooled)	water cooled
17	Compression ratio (specify tolerance)	18:1
18	No. of valves : 2 / 4 valves	2
19	Aspiration : NA / TC / TCI	TCI
20	Additional details for TC and TC – IC engine	
	Turbocharger - make & type	WEIFANG FUYUAN TURBOCHARGER CO.,LTD SJ44FD
	Inter cooler (water – water / water – air)	Air-air
	Inter cooler – make & type	YANG ZHOU RADIATOR CO.,LTD
	Intake air pressure in inlet manifold	35~45kPa
	Intake air temp. in inlet manifold	35~40
21	Fuelling details	
	mm ³ / stroke at rated load	14.2
	mm ³ / stroke / ltr at rated load	26.3
	BSFC (g / kW-hr)	227.3
22	Injection system details	
	Type : (inline / rotary / PF / other)	BQ(inline)
	Fuel pump make	SHANDONG KANGDA GROUP CO.,LTD
	Static injection timing (deg. BTDC)	6±1deg. BTDC
	Injectors : Make / Type	KBAL-P035 Bosch Automotive Diesel System CO., Ltd
	Injector hole No. x size (mm)	6X0.20
	Type of timing advance device	NO

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