

30KVA CPCB & ARAI Approved DG Set

Model # THY33



THY33 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 YSD490ZL 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	ISO CERTIFIED
3	Engine Model	YSD490ZL
4	Engine layout (inline / V)	Inline
5	Working principle: 2/4 stroke	4
6	Bore x Store (mm)	90 x100
7	Cylinder number	4
8	Total swept volume (ltr)	2.545
9	Displacement / cyl. (ltr / cyl)	0.636
10	Rated speed (rpm)	1500
11	Rated power (kW) W/o fan	32 (with fan)
12	Power / cylinder (kW/cyl)	8
13	BMEP at rated power (bar)	100
14	Combustion type: DI/IDI	DI
15	Type of combustion chamber (attach the diagram)	ω
16	Cooling type (Air cooled/water cooled)	water cooled
17	Compression ratio (specity tolerance)	18
18	No. of valves : 2/4 valves	2
19	Aspiration : NA/TC/TCI	NA
20	Additional details for TC and TC – IC engine	
	Turbocharger – make & type	FUYUAN TURBOCHARGER CO .,LTD

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		SJ50
	Inter cooler (water –water/water-air)	Air-air
	Inter cooler - make & type	Yangzhou Tongshun Radiator CO., LTD YSD490ZLG-701-21100
	Intake air pressure in inlet manifold	
	Intake air temp. in inlet manifold	≤45
21	Fuelling details	
	mm ³ /stroke at rated load	5.65
	Mm ³ /stroke/ltr at rated load	
	BSFC (g/kW-hr)	218.9
22	Injection system details	
	Type: (inline/rotary/PF/other)	inline
	Fuel pump make	WUXI WEIFU HIGH-TECH CO.,Ltd 4PL222 (with electric governor)
	Static injection timing (deg. BTDC)	5
	Injectors: Make/Type	Bosch Automotive Diesel System CO.,Ltd
	Injector hole No. x size (mm	8.5
	Type of timing advance device	mechanical
23	After treatment device, if any	NO

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