

Xenic TAD50xxGE series diesel engine is specifically designed for generator equipment, marine, engineering machinery, industrial pump and farm machinery. It's made of alloy-cast iron of which shows high rigidity, strong vibration absorption, low noise, compact structure, better reliability and higher power.



Engine Type	Direct Injection, V-Type, 4-Stroke, Water Cooling , 4 Valve
Intake Type	Turbo Charger / Air- air Intercooler
Gros Engine Output / Prime	1287 kWm
Gros Engine Output / Standby	1429 kWm
Bore * Stroke	159x159(mm)
Number Of Cylinder	16
Cylinder Type	Repleceable Wet Cylinder
Total Displacement	50 (L)
Specific Fuel Consumption	≤220 (g/kW•h)
Specific Oil Consumption	≤0,9 (g/kW•h)
Speed Governing Mode	Electronic Governor
Fan Power (kWm)	32 (50Hz)
Rated Speed	1500 (rpm) / 1800 (rpm)
Starting Mode	Electrical Starting
Crankshaft Rotating Direction	Anti - Clockwise
Noise	≤126 (db)
Smoke	≤3.0
Flwheel Housing	SAE NO. 0
Flwheel	INO.18
Battery Charging Alternator	35 A
Starting Voltage	24 V
Engine Oil According to the Provisions of GB 11122	CF15W/40 (Below environment temperature - 5 ° C)
Lube Oil Capacity (l)	178
Lube Oil Filter Type(s)	Spin on full flow filter
Cooling Capacity (l)	496
First Step Load	75%

Key Features

- Adopted iron casting structure to the body, improved the integral structure and performance. Proper design and better sealing ability.
- Utilized 4 valves per cylinderi reduces the resistance to improve the air intake ability, better fuel combustion with high-performance P-type fuel injector.
- Applied inner cooling channel structure, not only reduce the contact stress between the camshaft and push-rod, but also the wear ratio, ensure the engine reliability.
- Adopted maas oil flow bump assy in order to ensure the lubrication and cooling ability.

Dimensions

Length mm (A)	Width mm (B)	Height mm	Weight (dry) kg
3720	2000	2516	6580

Fuel Consumption 1500 rpm

%	kWm	BHP	L/ph	g/kWh
Standby Power				
100	1429	1915	345	91.2
Prime Power				
100	1287	1725	309	81.6
75	965	1294	238	62.8
50	644	863	167	44.1
25	322	431	88	23.3