

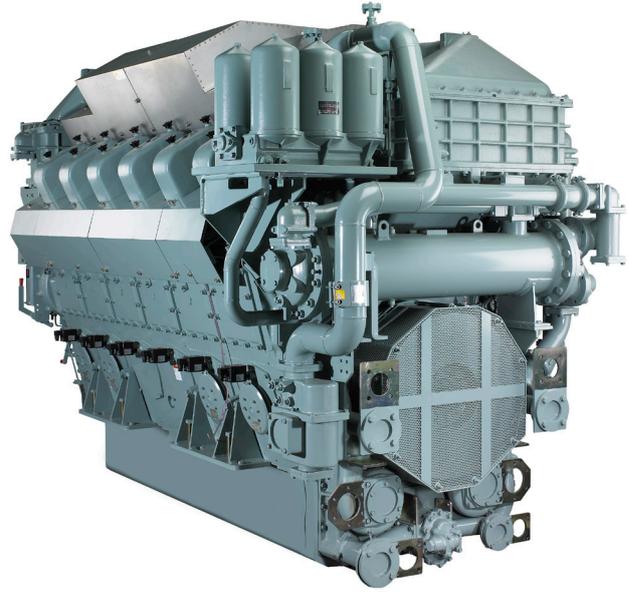
S12U-PTA

INDUSTRIAL ENGINE | CONSTANT SPEED

MAX OUTPUT 2703 kWm

MITSUBISHI DIESEL ENGINE

POWERFUL AND RELIABLE



ENGINE DATA

Engine model	S12U-PTA
Engine type	4-stroke, diesel
Cylinder configuration	12/60°V
Bore x stroke (mm)	240 x 260
Total displacement (l)	141.15
Dry weight (kg)	15500
Aspiration	turbocharged

Cooling system	water-cooled with separate jacket water and charge-air cooling circuits
Combustion system	direct injection
Fuel injection system	pump-line-nozzle (individual pump per cylinder)
Electrical system (V)	24
Rotation (ISO 1204)	counter clockwise
Flywheel and housing	Custom / na

RATING^{1,2,3}

	Standby			Prime Power		
	50	60	60	50	60	60
Frequency (Hz)	50	60	60	50	60	60
Output (kWm)	2518	2255	2703	2429	2182	2576
Output (bhp)	3377	3024	3625	3257	2926	3454
Output (kWe) ⁴	2392	2142	2568	2308	2073	2447
Output (kVA) ⁵	2990	2678	3210	2885	2591	3059
Engine speed (rpm)	1000	900	1200	1000	900	1200
Fuel consumption 100% load (g/kWh) ⁶	200	198	210	200	198	209
Fuel consumption 75% load (g/kWh) ⁶	205	201	211	205	202	211
Fuel consumption 50% load (g/kWh) ⁶	216	212	225	216	212	225
Emission	not regulated					

¹ For rating definitions, please see our website.

² All data represents net performance with standard accessories under the condition of 100 kPa barometric pressure, 298 K ambient temperature and 30% relative humidity.

³ For continuous operating power and base load ratings, please contact us.

⁴ kWe ratings based on 95% alternator efficiency.

⁵ kVA ratings based on a power factor of 0.8.

⁶ Fuel consumption is based on ISO3046/1 with +5% tolerance at all loads.

More information

Contact your local dealer for more information regarding Mitsubishi Diesel Engines and optional equipment or, visit engine-genset.mhi.com

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