

## S8U-PTA

INDUSTRIAL ENGINE | CONSTANT SPEED

MAX OUTPUT 1802 kWm

# MITSUBISHI DIESEL ENGINE

POWERFUL AND RELIABLE



### ENGINE DATA

Engine model	S8U-PTA
Engine type	4-stroke, diesel
Cylinder configuration	8 in-line
Bore x stroke (mm)	240 x 260
Total displacement (l)	94.1
Dry weight (kg)	11000
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	21" / 00

### RATING<sup>1,2,3</sup>

	Standby			Prime Power		
Frequency (Hz)	50	60	60	50	60	60
Output (kWm)	1678	1503	1802	1619	1455	1717
Output (bhp)	2250	2016	2417	2171	1951	2303
Output (kWe) <sup>4</sup>	1594	1428	1712	1538	1382	1631
Output (kVA) <sup>5</sup>	1993	1785	2140	1923	1728	2039
Engine speed (rpm)	1000	900	1200	1000	900	1200
Fuel consumption 100% load (g/kWh) <sup>6</sup>	200	198	210	200	198	209
Fuel consumption 75% load (g/kWh) <sup>6</sup>	205	201	211	205	201	211
Fuel consumption 50% load (g/kWh) <sup>6</sup>	214	208	221	214	208	221
Emission	not regulated					

<sup>1</sup> For rating definitions, please see our website.

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

<sup>3</sup> For continuous operating power and base load ratings, please contact us.

<sup>4</sup> kW ratings based on 95% alternator efficiency.

<sup>5</sup> kVA ratings based on a power factor of 0.8.

<sup>6</sup> 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](http://engine-genset.mhi.com)

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