

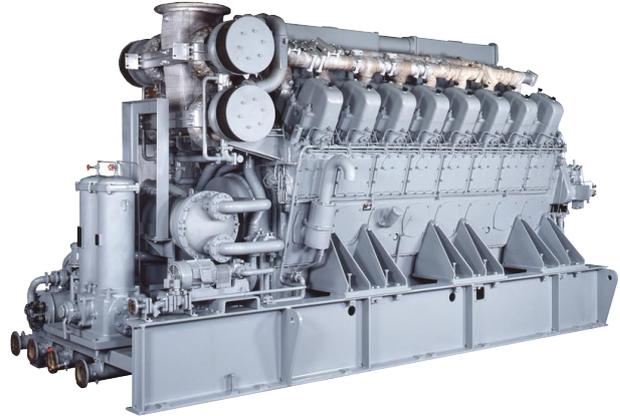
# S16U-PTA

INDUSTRIAL ENGINE | CONSTANT SPEED

MAX OUTPUT 3604 kWm

# MITSUBISHI DIESEL ENGINE

POWERFUL AND RELIABLE



## ENGINE DATA

Engine model	S16U-PTA
Engine type	4-stroke, diesel
Cylinder configuration	16/60°V
Bore x stroke (mm)	240 x 260
Total displacement (l)	188.19
Dry weight (kg)	20500
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<sup>1,2,3</sup>

	Standby			Prime Power		
Frequency (Hz)	50	60	60	50	60	60
Output (kWm)	3357	3007	3604	3238	2910	3434
Output (bhp)	4502	4032	4833	4342	3902	4605
Output (kWe) <sup>4</sup>	3189	2857	3424	3076	2765	3262
Output (kVA) <sup>5</sup>	3986	3571	4280	3845	3456	4078
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> kWe 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)