

## PERKINS DIESEL GENERATOR SET

# MP780

# 780 kVA

## INDUSTRIAL GENERATOR

Reliable diesel generating set configured for prime, standby and project-specific industrial power applications.



## STANDBY POWER

**780 kVA**

## PRIME POWER

**709.0 kVA**

## ENGINE MODEL

**2806A- E18TTAG4**

## FREQUENCY

**50 Hz**

## GENERATOR OUTPUT

|                |                  |
|----------------|------------------|
| Standby Power  | <b>780 kVA</b>   |
| Prime Power    | <b>709.0 kVA</b> |
| Standby Output | <b>624.0 kW</b>  |
| Prime Output   | <b>567.0 kW</b>  |
| Frequency      | <b>50 Hz</b>     |
| Voltage        | <b>400 V</b>     |
| Phases         | <b>3</b>         |
| Power Factor   | <b>0.8</b>       |

## ENGINE

|                 |                        |
|-----------------|------------------------|
| Engine Brand    | <b>Perkins</b>         |
| Engine Model    | <b>2806A- E18TTAG4</b> |
| Cylinders       | <b>6 Inline</b>        |
| Displacement    | <b>18.1 L</b>          |
| Speed           | <b>1500 rpm</b>        |
| Governor System | <b>Electronic</b>      |
| Cooling System  | <b>Water Cooling</b>   |

# TECHNICAL SPECIFICATIONS

Published product data for the selected generator model. Final component selection is confirmed with the commercial offer.

## ALTERNATOR & CONTROL

|                     |                                     |
|---------------------|-------------------------------------|
| Alternator          | <b>MKT / Stamford / Leroy Somer</b> |
| Controller          | <b>Deep Sea Controller</b>          |
| Voltage Regulation  | <b>±1%</b>                          |
| Insulation Class    | <b>H</b>                            |
| Protection Standard | <b>IP23</b>                         |
| Generator Type      | <b>Silent / Open</b>                |

## FUEL SYSTEM

|                  |                    |
|------------------|--------------------|
| Fuel Type        | <b>Euro Diesel</b> |
| 100% Load        | <b>147.0 L/h</b>   |
| 75% Load         | <b>109.0 L/h</b>   |
| 50% Load         | <b>75.0 L/h</b>    |
| Canopy Fuel Tank | <b>1050 L</b>      |
| Open Fuel Tank   | <b>1050 L</b>      |

## DIMENSIONS & WEIGHT

|                   |                              |
|-------------------|------------------------------|
| Canopy Dimensions | <b>4800 x 1900 x 3460 mm</b> |
| Canopy Weight     | <b>6750 kg</b>               |
| Open Dimensions   | <b>4150 x 1900 x 3350 mm</b> |
| Open Weight       | <b>5890 kg</b>               |

## AVAILABLE PROJECT OPTIONS

- 50 Hz and 60 Hz configurations
- Silent canopy or open-frame execution
- Deep Sea, ComAp or SmartGen control solutions
- ATS, synchronization and remote monitoring systems
- Custom voltage, fuel tank and enclosure requirements