

Rating definition chart | Industrial diesel engines - Constant speed

Rating definitions for the LE, SL, SQ, SS engine series are as per the table below:

| Symbol | Rating | Application | Definition | Typical operation | | | |
|--------|---------|---|--|--------------------|--|--------------------------------|----------------------|
| | | | | Overload operation | Maximum load | Average load factor over 24hrs | Annual operating hrs |
| E | Standby | Standby Generator | For limited time emergency use. No overload is available. | Not available | 100% is available in case of emergency | 70% or less | Less than 200hrs |
| P | Prime | Portable Generator or Standby Generator with overload | For replacement of public utility power source, operating at varying load. Apply this rating for emergency, if the overload is necessary. | +10% or less | 110% of rated power, limited to 1hrs per 12hrs of operation. | 70% or less but more than 30% | Unlimited |

Notes: Atmospheric condition as per ISO 15550:2002(JIS B 8003:2005) (Barometric pressure: 100kPa, ambient temperature: 298K, relative humidity: 30%).
Calculations and conditions are consistent with the requirements of ISO 8528:2018