

MAN Permanent Power Limitation Alphatronic

MAN PrimeServ

MAN Permanent Power Limitation (PPL) is a retrofit solution designed to limit the engine power (MCR) to comply with IMO resolution MEPC 335 (76) from 2021. The MAN PPL Alphatronic is an alternative to the well-known MAN OPL Alphatronic.

Our product range is constantly under review, being developed and improved according to present and future requirements and conditions. Furthermore, we are committed to supporting decarbonization in the maritime industry. Therefore, we have developed a Permanent Power Limitation (PPL) solution that can be applied to MAN propulsion configurations, including MAN Alphatronic systems.

As an alternative to the overridable power limitation (OPL), the PPL is a relatively simple solution. It is suitable if a minor MCR limitation is needed or if a vessel never operates at MCR.

Depending on the existing remote control configuration and main engine, the scope will be tailor-made on a case to case basis. The MAN PPL Alphatronic solution normally includes an upgrade of the existing remote control software (limiting the MCR to the required level, on system level) and a sealed physical fuel rack limitation, installed on the main engine.

It is important to note that the MAN PPL Alphatronic is not directly related to overridable EEXI solutions as such.

Hence, no onboard management manual or EEXI class approvals are required. MAN PrimeServ verifies and assumes responsibility for correct adjustment and limitation in accordance with the lower MCR required.

Installing the MAN PPL Alphatronic solution requires a MAN PrimeServ superintendent with expert knowledge of the actual remote control system and engine configuration.



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Key benefits

- Easy EEXI compliance
- Fast (1 day) installation
- Stable propeller system and engine behaviour
- Aligned remote control system and engine limitation

Scope of supply

- Remote control software update, including programmed limitation
- Physical fuel rack limitation incl. tamper proof seal
- MAN PrimeServ report, verifying the limited MCR

Applicable to

- Remote control systems: AT2A, AT2000, AT3000
- Engine types: Full portfolio of MAN ES propulsion engines

Retrofit & Upgrades

PrimeServ Retrofit, Denmark
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More information

Contact your local MAN PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

MAN Energy Solutions

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