

## 1. Available firmware, archives and documentation

### **Firmware**

Mhx file
IS-3.4.6.mhx

### **Archives**

Archives
MINT-3.4.ais
SPI-3.4.ais
SPM-3.4.ais
SPtM-3.4.ais
SSB-3.4.ais
SPtM-CAT-Diesel-3.4.ais
SPtM-CAT-Gas-3.4.ais
SPtM-DeutzTEME-3.4.ais
SPtM-MTU-3.4.ais
SPtM-StarterKit-3.4.ais
SPtM-MTU-SIAM4000-3.4.ais

### **Documentation**

PDF files	Description
IS-3.4.6-New features.pdf	New features of IS-3.4.6
IS-3.4.5-New features.pdf	New features of IS-3.4.5
IS-3.4.4-New features.pdf	New features of IS-3.4.4
IS-3.4.3-New features.pdf	New features of IS-3.4.3
IS-3.4.2-New features.pdf	New features of IS-3.4.2
IS-3.4.1-New features.pdf	New features of IS-3.4.1
IS-3.4-New features.pdf	New features of IS-3.4
IS-MINT-3.4.pdf	Multiple software configuration
IS-SPI-3.4.pdf	Single Parallel Island software configuration
IS-SPM-3.4.pdf	Single Prime Mover software configuration
IS-SPtM-3.4.pdf	Single Parallel to Mains software configuration
IS-SSB-3.4.pdf	Single Stand-by software configuration

## 2. Main changes in IS-3.4.6

### **Repairs**

- Text "VmX Under" was recorded to history when mains overvoltage failure was detected. It has been repaired.
- Overvoltage failure might have occurred in the following case: Two engines are in island, one of them is running and "Slow stop" type of failure is taking place on the running engine. The second engine is started to replace the first one and voltage regulator output of the first engine is going up during the time period between starting and synchronizing the second engine, which may cause overvoltage failure. It has been repaired.