



## Declaration of Compliance and Compatibility

We, Huawei Technologies Austria GmbH, hereby declare that the following product combinations:

1. SUN2000-M1 Series Inverters paired with SmartGuard-63A-T0,
2. SUN2000-MB0 Series and SUN5000-MB0 Inverters paired with SmartGuard-63A-T0,

are fully compatible with each other and comply with *Technische und organisatorische Regeln für Erzeugungsanlagen (TOR Erzeuger Typ A)* as applicable in Austria.

This declaration confirms the following key features and compliance aspects:

- Full TOR-A Compliance: The listed inverter and SmartGuard combinations fulfill all requirements for grid connection and operation according to Austrian regulations for TOR Erzeuger Typ A.
- Fault Ride Through (FRT) Capability: Both systems feature advanced FRT functionality, enabling continued operation during temporary voltage dips, thereby enhancing grid stability and reliability.

### List of Affected Models

The following models are covered by this declaration and are fully compatible with each other as per the Technische und organisatorische Regeln für Erzeugungsanlagen (TOR Erzeuger Typ A) and the outlined features.

Inverter Model	SmartGuard Model	ESS Model	Compatibility
SUN2000-3KTL-M1	SmartGuard-63A-T0  (AC Port to Be Connected: INV2)	LUNA2000-5/10/15-S0 or LUNA2000-7/14/21-S1,  (ESS number ≤ 2 groups)	Fully compatible
SUN2000-4KTL-M1			
SUN2000-5KTL-M1			
SUN2000-6KTL-M1			
SUN2000-8KTL-M1			
SUN2000-10KTL-M1			
SUN2000-12K-MB0	SmartGuard-63A-T0  (AC Port to Be Connected: INV1)	LUNA2000-5/10/15-S0 or LUNA2000-7/14/21-S1,  (ESS number ≤ 4 groups)	Fully compatible
SUN2000-15K-MB0			
SUN2000-17K-MB0			
SUN2000-20K-MB0			
SUN2000-25K-MB0			
SUN5000-17K-MB0			
SUN5000-25K-MB0			

\*\*Notes:

- MAP0 supports 3 inverters cascaded with SmartGuard-63A-T0, M1/MB0 supports only one inverter connecting with SmartGuard-63A-T0.

- If the SmartGuard-63A-T0 is used with MAP0 series inverters, its backup load port can be connected to single-phase loads and three-phase loads.
- If the SmartGuard-63A-T0 is used with M1 and MB0 series inverters, its backup load port can be connected only to single-phase loads. Three-phase loads need to be connected to non-backup load ports.
- LUNA S0 and S1 can not be mixed used in one system.
- The three-phase SmartGuard supports a maximum load current of 63 A. If the load current exceeds 63 A, only part of loads can be connected to it. In addition, a power meter needs to be connected between the three-phase SmartGuard and the main circuit breaker.
- The EMMA in the SmartGuard can be connected to the router over FE or WLAN. If WLAN is used, the SmartGuard must be installed close to the router.
- More information please refer to User Manual.