



Greek Grid Code Compliance Statement

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Inverter Type:

: SUN2000-2KTL-L0/Huawei	: SUN2000-4KTL-M1 /Huawei
: SUN2000-3KTL-L0/Huawei	: SUN2000-5KTL-M1 /Huawei
: SUN2000-4KTL-L0/Huawei	: SUN2000-6KTL-M1 /Huawei
: SUN2000-5KTL-L0/Huawei	: SUN2000-8KTL-M1 /Huawei
: SUN2000-2KTL-L1/Huawei	: SUN2000-10KTL-M1 /Huawei
: SUN2000-3KTL-L1/Huawei	: SUN2000-8KTL-M2 /Huawei
: SUN2000-3.68KTL-L1/Huawei	: SUN2000-10KTL-M2 /Huawei
: SUN2000-4KTL-L1/Huawei	: SUN2000-12KTL-M2 /Huawei
: SUN2000-4.6KTL-L1/Huawei	: SUN2000-15KTL-M2 /Huawei
: SUN2000-5KTL-L1/Huawei	: SUN2000-17KTL-M2 /Huawei
: SUN2000-6KTL-L1/Huawei	: SUN2000-20KTL-M2 /Huawei
: SUN2000-3KTL-M0 /Huawei	: SUN2000-30KTL-M3 /Huawei
: SUN2000-4KTL-M0 /Huawei	: SUN2000-36KTL-M3 /Huawei
: SUN2000-5KTL-M0 /Huawei	: SUN2000-42KTL-M3 /Huawei
: SUN2000-6KTL-M0 /Huawei	: SUN2000-33KTL-A /Huawei
: SUN2000-8KTL-M0 /Huawei	: SUN2000-36KTL /Huawei
: SUN2000-10KTL-M0 /Huawei	: SUN2000-50KTL-M0 /Huawei
: SUN2000-12KTL-M0 /Huawei	: SUN2000-60KTL-M0 /Huawei
: SUN2000-15KTL-M0 /Huawei	: SUN2000-100KTL-M1 /Huawei
: SUN2000-17KTL-M0 /Huawei	: SUN2000-100KTL-H1 /Huawei
: SUN2000-20KTL-M0 /Huawei	: SUN2000-105KTL-H1 /Huawei
: SUN2000-3KTL-M1 /Huawei	: SUN2000-185KTL-H1 /Huawei
	: SUN2000-215KTL-H0 /Huawei

Statement:

For The above mentioned inverters, the max DC Current Injection does not exceed 0.5% of the Nominal Current (DC current injection $<0.5\% \times I_{nom}$)

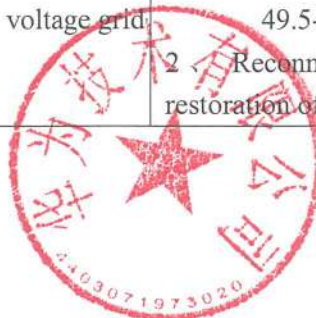
THE ABOVE MENTIONED INVERTERS allow connection to the grid - at the Point of Common Coupling - and disconnection through integrated AC relays that are controlled by the inverter's software and which allow for the following:

- Automatic (re)-connection to low voltage grid, provided the terminal voltage and frequency fall within the ranges $0.85 \times V_{nom} \leq V_{grid} \leq 1.1 \times V_{nom}$ and $49.5\text{Hz} \leq F_{grid} \leq 50.2\text{Hz}$.
- Automatic (re)-connection to medium voltage grid, provided the terminal voltage and frequency fall within the ranges $0.9 \times V_{nom} \leq V_{grid} \leq 1.1 \times V_{nom}$ and $49.5\text{Hz} \leq F_{grid} \leq 50.2\text{Hz}$.
- The reconnection time upon restoration of the grid is at least 180 seconds.

- The end-user does not have access to the inverter software and cannot alter the protection settings. The protection setting is protected by password.

THE ABOVE MENTIONED INVERTERS comply with Greek Grid Code (mainland), all parameters have been set inside the inverter. By selecting the correct grid code, the inverter can meet Greek grid code connection requirements. All the detail parameters are shown in the following table:

Item		Grid code inside inverter(Greece mainland)
Grid Protection parameters	OVP/UVF of low voltage grid	1、 OVP: 1.15Un 2、 UVF: 0.8Un
	OVP/UVF of medium voltage grid	1、 OVP: 1.15Un 2、 UVF: 0.85Un
	Over frequency protection Under frequency protection of low voltage grid	1、 OFP: 51.5Hz 2、 UFP: 47.5Hz
	Over frequency protection Under frequency protection of medium voltage grid	1、 OFP: 51.5Hz 2、 UFP: 47.5Hz
Normal work	Low voltage grid voltage range when inverter start to work	1、 Grid voltage range when inverter start to work: 0.85-1.1Un 49.5-50.1Hz
	Medium voltage grid voltage range when inverter start to work	1、 Grid voltage range when inverter start to work: 0.9-1.1Un 49.5-50.1Hz
Re-connection to Grid	Re-connection to low voltage grid:	1、 Re-connection to Grid: 0.85-1.1Un 49.5-50.2Hz 2、 Reconnection time upon restoration of the grid: $\geq 180s$



	Re-connection to medium voltage grid		1、 Re-connection to Grid: 0.9-1.1Un 49.5-50.2Hz 2、 Reconnection time upon restoration of the grid: $\geq 180s$
Remote grid control		PF2P curve	Can be set
	Inverter soft start	Power-on Power Ramp	Soft start time(default time)20s; Can be set :600s, 10%Pmax/min;
		Inverter restart Power Ramp after Grid failure	Soft start time after Grid failure(default time):600s; 10%Pmax/min;
	Power derating due to frequency		Default prohibition(can be set)

Huawei Technologies Co., Ltd.

Signed: _____

Date: May 24, 2021

