

# CERTIFICATION

**Registration No.** AK 50551220 0001

**Report No.** CN22S65R 002

**License Holder :** SolaX Power Network Technology (Zhe jiang) Co., Ltd.  
 No.288 Shizhu Road, Tonglu Economic Development Zone, Tonglu City,  
 Zhejiang Province, China.

**Standards :** PPDS :2021

**Attachment :**

Parameter	Maximum switch-off time (s)	Shutdown settings
overvoltage 1. level <sup>(1)</sup>	3s <sup>(2)</sup>	230V + 10% (253 VAC)
overvoltage 2. level	1s <sup>(2)</sup>	230V + 15% (264,5 VAC)
overvoltage 3. level	0,1s <sup>(2)</sup>	230V + 20% (276 VAC)
undervoltage <	1,5s <sup>(2)</sup>	230V - 15% (195,5VAC)
overfrequency	0,5s	52 Hz
underfrequency	0,5s	47,5 Hz

**(1)** 10min value corresponding to EN50160. The calculation of the 10-min value shall comply with the 10min aggregation of EN EN61000-4-30, class S. The function shall be based on the calculation of the square root of the arithmetic mean of the squared input values over 10min. In deviation from EN61000-4-30 a moving window shall be used. The calculation of a new 10min value at least every 3s is sufficient.

**(2)** Disconnecting time needs to be adjustable to meet requirement of LVRT and HVRT function

**Date of issue :** 01.08.2022