

## SETTING for grid operator CEZ, Czech republic

SolaX power Co., Ltd.

hereby confirms that the following inverters fulfill EN 50438:2013:

X1-2.0-S-D, X1-2.0-S-N,

### 1. Following grid parameters can be set following the service manual.

Upper voltage limit 1:  $230V + 15\% = 264,5V$  ; max. disconnection time: 0,2s

Low voltage limit :  $230V - 15\% = 195,5V$  ; max. disconnection time: 1,5s

Lower frequency limit:  $F_n - 2,5Hz = 47,5Hz$  ; max. disconnection time: 0,5s

Upper frequency limit:  $F_n + 2,0Hz = 52,0Hz$  ; max. disconnection time: 0,5s

Upper voltage limit 2:  $230V + 10\% = 253,0V$ ; max. disconnection time 3s ; RMS mean over 10 min. according to EN 61000-4-30 with update of the value every 3s .

### 2. Q(U) function can be set to the values of figure 1 by following the service manual.

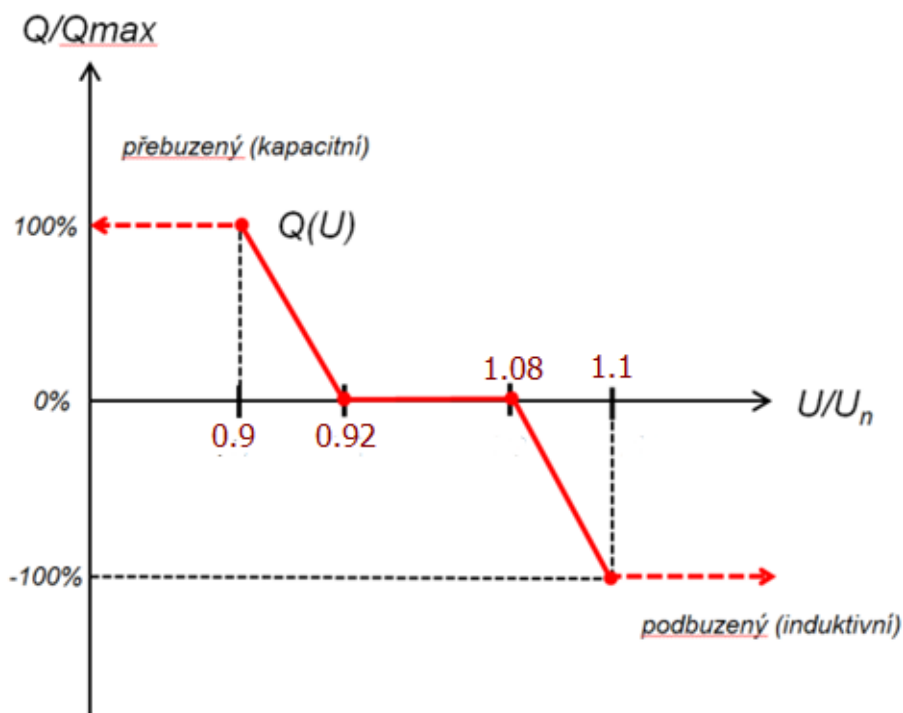


Figure 1.

3.  $P(U)$  function can be set to the values of figure 2 without any need for parameterization.

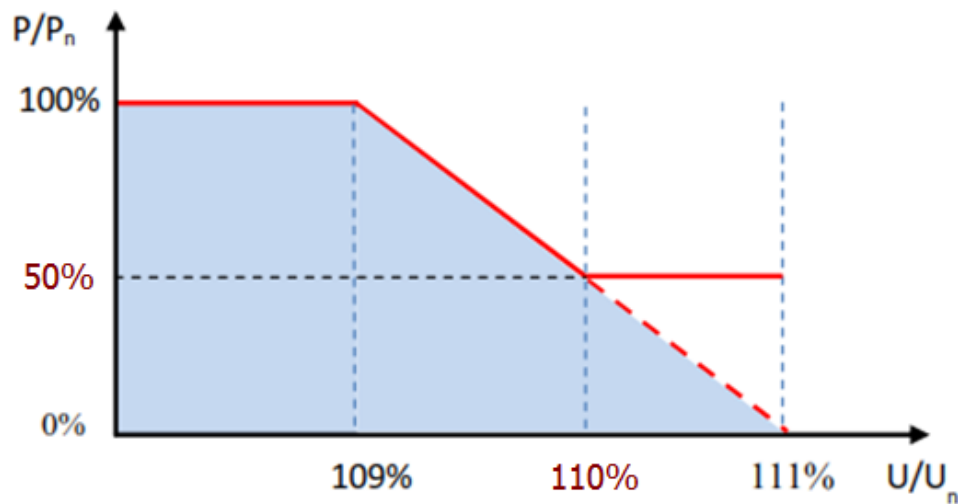


Figure 2.

4. The output power will be reduced with gradient 40%/Hz of the grid frequency  $f > 50,2$  Hz without any need for parameterization.
5. Reconnection time after grid failure min. 5min with gradient of 10% $P_n$ /min.

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