

Wels, October 19th 2017

CONFORMITY ER 18 RÜZGAR VE GÜNEŞ ENERJİSİNE DAYALI FOTOVOLTAİK ÜRETİM TESİSLERİNİN ŞEBEKE BAĞLANTI KRİTERLERİ

Fronius International GmbH

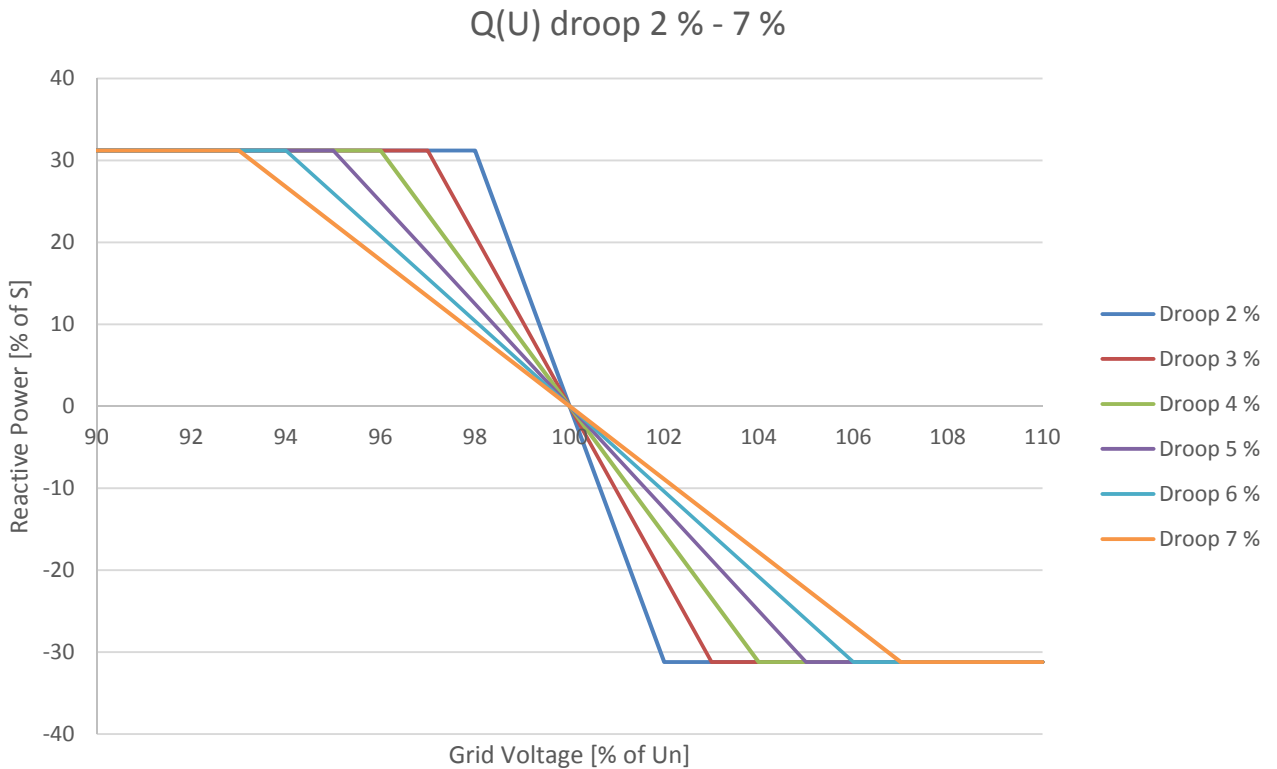
confirms that the following inverters

/ Fronius Symo 10.0-3 – 20.0-3

/ Fronius Eco 25.0-3 – 27.0-3

are in accordance with “ER 18 RÜZGAR VE GÜNEŞ ENERJİSİNE DAYALI FOTOVOLTAİK ÜRETİM TESİSLERİNİN ŞEBEKE BAĞLANTI KRİTERLERİ” when choosing the Setup “TR MV”.

A default droop of 7 % is implemented for the Q(U) function. The droop is adjustable in the range of 2 % to 7 %.



$$Droop (\%) = \frac{\frac{\Delta U}{U_{nom}}}{\frac{\Delta Q}{Q_{max}}} * 100$$



SHIFTING THE LIMITS

If a different droop is required by the transmission system operator, the following table lists the values that have to be adjusted:

	Droop 2 %	Droop 3 %	Droop 4 %	Droop 5 %	Droop 6 %	Droop 7 %
Ch Q (U) 0-0	98	97	96	95	94	93
Ch Q (U) 0-1	31,244	31,244	31,244	31,244	31,244	31,244
Ch Q (U) 1-0	98	97	96	95	94	93
Ch Q (U) 1-1	31,244	31,244	31,244	31,244	31,244	31,244
Ch Q (U) 2-0	102	103	104	105	106	107
Ch Q (U) 2-1	-31,244	-31,244	-31,244	-31,244	-31,244	-31,244
Ch Q (U) 3-0	102	103	104	105	106	107
Ch Q (U) 3-1	-31,244	-31,244	-31,244	-31,244	-31,244	-31,244

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