

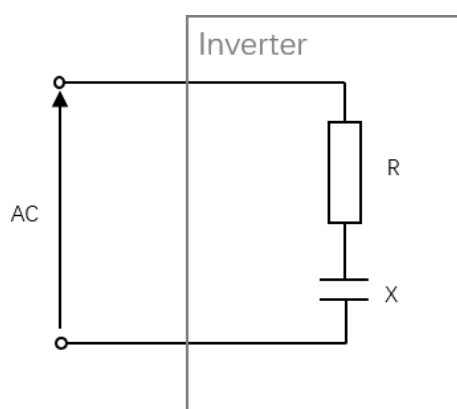
Impedance at 175Hz for PV Systems in France

This document describes the impedance values (R and X) of GoodWe inverters at 175Hz, this applies to inverters installed in France. For the tariff adjustment, the impedance values of the inverter are required by grid operator to confirm its compatibility with the grid signal, while a ripple control signal with a frequency of 175 Hz in the utility grid is applied.

Validity

This document is valid for the following product series:

- GoodWe HT series
- GoodWe SMT series



Series Connection

Table of impedance of inverters

Inverter	R[Ω]	X [Ω]	Output Voltage
GW25K-MT	0.02	-68	3x 400V
GW30K-MT	0.02	-68	3x 400V
GW36K-MT	0.02	-68	3x 400V
GW50KS-MT	0.02	-37.5	3x 400V
GW60KS-MT	0.02	-37.5	3x 400V
GW80K-MT	0.02	-24	3x 400V
GW100K-HT	0.02	-12	3x 400V
GW110K-HT	0.02	-12	3x 400V
GW120K-HT	0.02	-12	3x 400V
GW136K-HTH	0.02	-12	3x 500V
GW225K-HT	0.02	-4	3x 800V
GW225KN-HT	0.02	-4	3x 800V
GW250K-HT	0.02	-4	3x 800V
GW250KN-HT	0.02	-4	3x 800V

GoodWe Technologies Co.,Ltd.

No. 90 Zijin Rd, Suzhou, Jiangsu, China

Lucas Lu 卢欢

Head of GoodWe Solar Academy