

USE OF THE PADCON FLOAT CONTROLLER SI VERSION V2

Fronius International GmbH

hereby confirms that the below listed inverters (table 1) are compatible with the above mentioned device when used with the described settings (table 1) and by following all relevant instructions (Installation Instructions, Operating Instructions, Safety Instructions, ...).

The use of this device will not void our commitments as stipulated in our Fronius warranty terms and conditions.

This authorization relies on tests, carried out and documented by Padcon GmbH.

Inverter type	Settings of the Padcon Float Controller SI V2 *	
	Max. permitted output-level * (voltage between each pole and ground) [Vdc]	threshold level * (voltages to turn off / on the Float Controller SI) [Vdc] / [Vdc]
Fronius Symo 3.0-3-S	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 3.7-3-S	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 4.5-3-S	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 3.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 3.7-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 4.5-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 5.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 6.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 7.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 8.2-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 10.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 12.5-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 15.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 17.5-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Symo 20.0-3-M	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 3.0-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 3.5-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 3.6-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 4.0-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 4.6-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 5.0-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 5.0-1 AUS	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 6.0-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius Primo 8.2-1	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius ECO 25.0-3-S	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON
Fronius ECO 27.0-3-S	520 Vdc ¹	41 Vdc OFF / 25 Vdc ON

¹ the inverter splits the dc voltage nearly symmetrical to ground, no higher voltage to ground than 500Vdc will occur.

* see Padcon User's Manual Float Controller SI sections "Adjustable output-level" and "Adjustable threshold level"

Table 1 (list of Fronius inverters compatible with Padcon Float Controller SI, with stipulated settings)



SHIFTING THE LIMITS

Fronius declines any responsibility for any direct or indirect damage, injury or losses, arising or resulting from any malfunction, misuse or defect, apart of the scope of our warranty terms and conditions.

Fronius reserves the right, to resign this approval at any time, with immediate effect and without any information, for example if the technology or device shows disadvantageous effects for inverters or other parts of the system, or if new features interfere in any way.

Fronius International GmbH

Solar Energy Division
Froniusplatz 1
A-4600 Wels

A handwritten signature in blue ink, appearing to read "Thomas Mühlberger".

DI Thomas Mühlberger
Head of Solution Management

Wels, 12.09.2016