

FIMER statement regarding AS/NZS 5033:2021

Max Short Circuit Current on FIMER String Inverters

This statement confirms that FIMER's current string inverter models in Australia are compliant with AS/NZS 5033:2021 Clause 4.5.1.1 and Clause 4.2.2. FIMER's inverters have received the international certificate IEC62109.1 and IEC62109.2, which has the built-in 1.25 I_{sc} allowance. FIMER has designed its products, including all components, to ensure that they will operate safely in the event of a short circuit current on the connected PV panels.

The following table outlines the maximum input short circuit current for each MPPT that should be followed when designing a PV Solar System.

Series	Model	I _{sc} / MPPT (A)
UNO-DM	UNO-DM-2.0-TL-PLUS-B-Q	12.5
	UNO-DM-3.3-TL-PLUS-SB-Q	20
	UNO-DM-4.0-TL-PLUS-SB-Q	20
	UNO-DM-4.6-TL-PLUS-SB-Q	20
	UNO-DM-5.0-TL-PLUS-SB-QU	22
	UNO-DM-6.0-TL-PLUS-SB-QU	25
PVS-10/15	PVS-10-TL-SX (2 MPPTs)	30
	PVS-12.5-TL-SX (2 MPPTs)	30
	PVS-15-TL-SX (2 MPPTs)	30
PVS-20/33	PVS-20-TL-SX (2 MPPTs)	30
	PVS-20-TL-SXD (4 MPPTs)	30
	PVS-30-TL-SX (4 MPPTs)	30
	PVS-33-TL-SX (4 MPPTs)	30

Regards,



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