

Goodwe Statement

Max Short Circuit Current – DNS/TDS series

Goodwe confirms that the DNS/TDS inverter series has the certificate IEC62109.1 which already has the 1.25-1.5 Isc allowance built in. The internal protective device and components used on inverters have therefore been designed adequately to protect the event of short circuit current of PV panels.

Goodwe hereby confirm that the below inverter models allow up to 18A DC max short circuit current. Listed in the table below.

Series	Model	Max Short Circuit Current per MPPT
DNS	GW3000D-NS	18A
	GW4200D-NS	18A
	GW5000D-NS	18A
	GW3000T-DS	18A
	GW4200T-DS	18A
	GW5000T-DS	18A

GoodWe has also listed the key components below used on DNS/TDS series of inverter to guarantee DNS/TDS models are able to withstand 18A DC current without failure of that circuit hardware.

Key Component	Rated maximum Current
DC Terminal	30A
Internal connecting wires	23.7A
DC Switch	25A
Inductor	20A
IGBT	20A
Current Sensor	20A

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