Goodwe Integrated DC Disconnector Compliance

Jiangsu GoodWe Power Supply Technology hereby declare the following GOODWE solar inverters has the built-in DC load break disconnector which complies with the requirements specified in AS/NZS5033:2014 Amd 1+Amd 2, clause 4.4.1.2 (c) with **the separated screening** from touch of live parts of the PV array side of the breaker disconnector including terminals and connections when the external cover has been removed.

- GW1500-XS, GW2000-XS, GW2500-XS, GW3000-XS
- GW3000D-NS, GW4200D-NS, GW5000D-NS
- GW5000-MS, GW6000-MS, GW8500-MS, GW10K-MS
- GW25K-MT, GW29.9K-MT, GW36K-MT
- GW3600-EH, GW5000-EH, GW6000-EH
- GW5K-DT, GW6K-DT
- GW8KAU-DT, GW10KAU-DT, GW15KAU-DT, GW20KAU-DT
- GW3000T-DS, GW3600T-DS, GW4200T-DS, GW5000T-DS

The brand and model of DC disconnectors on Goodwe inverters are either Santon XBE+ or Beijing People's Electric Plant GHX5-32P. Both of these DC disconnectors are classified as **DC PV2** and compliant with **IEC60947-3**.

Both models of DC disconnector are **level 3** compliant electrical equipment and listed on **EESS/ERAC** website.

Both DC disconnectors follow the DC21B rating curve requirement for positive and negative poles at 70 degree ambient temperature. Both of DC disconnectors **disconnect all polarities** simultaneously.

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Vdc		model	750V	850V	1100V
IDC	XS	GHX5-32P 1100V, 25A 1Poles (+/-)	40	28	25
	DNS	GHX5-32P 1100V, 25A 3Poles (+/-)	40	28	25
	MS	GHX5-32P 1100V, 25A 6Poles (+/-)	40	28	25
	SMT	GHX5-32P 1100V, 25A 6Poles (+/-)	40	28	25
	EH	GHX5-32P 1100V, 25A 3Poles (+/-)	40	28	25
	SDT G2	GHX6-55P 1100V 45A 3Pole (+/-) GHX6-55P 1100V 45A 4Pole (+/-)	40	28	25
	TDS	GHX5-32P/3P1000-32 1000V 32A 3poles (+/-)	40	28	25

Due to the above compliance, additional load break dis-connectors adjacent to Goodwe XS, DNS, MS, SMT, EH, SDT G2, TDS inverters are not requested in installations.

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Goodwe Australia Pty Ltd

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