easYgen 3000XT: Environment, Ambient Temperatures and Humidity proven

Özgür Tosun - 2025-01-13 - easYgen-3000XT

Did Woodward execute environmental temperature testing during development to confirm that easYgen-3000XT Series devices can operate under -20 °C to +70 °C ?

> ***YES, Woodward performed all necessary tests according to the following standards (excerpts taken from technical manual):***

Temperature

Housing type			»...-LT« version, only
Plastic	Cold, Dry Heat (storage)	-30 °C (-22 °F) / 80 °C (176 °F)	-30 °C (-22 °F) / 80 °C (176 °F)
	Cold, Dry Heat (operating)	-20 °C (-4 °F) / 70 °C (158 °F)	-40 °C (-40 °F) / 70 °C (158 °F)
Sheet metal	Cold, Dry Heat (storage)	-40 °C (-40 °F) / 80 °C (176 °F)	
	Cold, Dry Heat (operating)	-40 °C (-40 °F) / 70 °C (158 °F)	
Standards	IEC 60068-2-2, Test Bb and Bd		
	IEC 60068-2-1, Test Ab and Ad		

Humidity

Humidity	60 °C, 95% RH, 5 days
Standards	IEC 60068-2-30, Test Db

Marine environmental categories

Marine environmental categories	Lloyd's Register of Shipping (LRS): ENV1, ENV2, ENV3 and ENV4