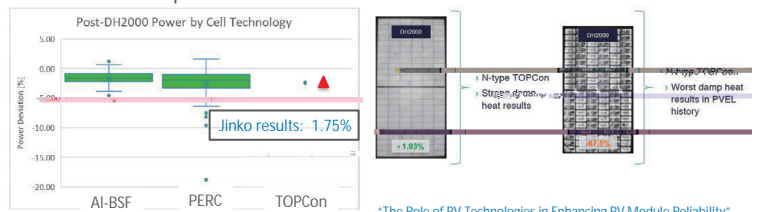


*Note-as per PVEL POP: BOM Test Requirements, this test is not required for this BOM. Contact PVEL for more information on the representative results from other BOMs from the same manufacturer.

Damp heat



'The Role of PV Technologies in Enhancing PV Module Reliability'
Mohammed Saady Dweik, Jinko Solar PV Mag. Webinar
Aug. 30, 2022

*Source: NREL, Degradation Mechanisms in TOPCon/POLO Solar Cells

Factory Witness, Characterizations and Light-Induced Degradation Measurement							
Thermal Cycling	Damp Heat	Durability Sequence	Stress Sequence	Stress Sequence	Induced Stress Sequence	LETID Sequence	Final Exposure
TC 200	DH 1000	FBI 1000	FBI 1000	Mech. Mechanical Load	85°C/85%RH (50% (6 and/or) 192 hrs)	LETID 66 hrs (75°C Iso-temp)	Field Exposure 6 Months
Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization
		UV 65 kWh/m ²				IAM Profile	
TC 200	DH 1000	Characterization	Dynamic Mechanical Load	Dynamic Mechanical Load	Characterization	Characterization	Characterization
Characterization	Characterization	TC 50 + HF 10			172°C/85%RH		Field Exposure 6 Months
TC 200	Stabilization 80°C, Iso, 48 hrs	UV 65 kWh/m ²	Fiberization	Characterization	Characterization	Characterization	Characterization
Characterization	Characterization	Characterization	TC 50 + HF 10	TC 50 + HF 10	LETID 162 hrs (75°C Iso-temp)	Characterization	Characterization
		Characterization	Characterization	Characterization	Characterization	Characterization	Characterization
		TC 50 + HF 10					
		UV 65 kWh/m ²					