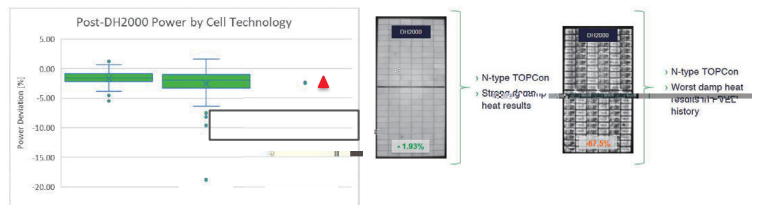


*Note-as per PVEL PQP: BOM Test Requirements,this test is not required for this BOM.Contact PVEL for more information on the representative results from other BOMs from the same manufacturer.



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

Factory Witness, Characterizations and Light-Induced Degradation Measurement									
Thermal Cycling	Damp Heat	Durability	Stress	Stress	Stress	LETID	LETID	LETID	LETID
TC 200	DT 1000	DT 1000	Static Mechanical Load	Static Mechanical Load	Static Mechanical Load	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)
Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization
TC 200	DT 1000	DT 1000	Dynamic Mechanical Load	Dynamic Mechanical Load	Dynamic Mechanical Load	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)
Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization
TC 200	Stabilization 80°C, 100 hrs	UV 65 kWh/m ²	TC 50 + HF 10	TC 50 + HF 10	TC 50 + HF 10	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)
Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization
		UV 65 kWh/m ²	TC 50 + HF 10	TC 50 + HF 10	TC 50 + HF 10	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)
		UV 65 kWh/m ²	TC 50 + HF 10	TC 50 + HF 10	TC 50 + HF 10	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)	LETID 162 hrs (75°C, 1000 lux)