



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

Factory Witness, Characterizations and Light-induced Degradation Measurement							
Thermal Cycling	60amp Heat	Stress	Stress	Stress	Induced Stress	LETID Sensitivity	PERC/PERC S
TC 200	DH 1000	DH 1000	Static Mechanical Load	Hail	85 C, 85%RH (MS) (6 and/or-) 192 hrs	LETID 162 hrs (75°C Iso-temp)	PERC/PERC S
Characterization	Characterization	UV 65 kWh/m ²	Characterization	Characterization	Characterization	Characterization	PERC/PERC S
TC 200	DH 1000	Dynamic Mechanical Load	Dynamic Mechanical Load	Characterization	Characterization	Characterization	PERC/PERC S
Characterization	Characterization	TC 50 + HF 10	Characterization	Characterization	Characterization	Characterization	PERC/PERC S
TC 200	Stabilization 80°C, Iso, 48 hrs	UV 65 kWh/m ²	TC 50 + HF 10	TC 50 + HF 10	TC 50 + HF 10	LETID 162 hrs (75°C Iso-temp)	PERC/PERC S
Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	Characterization	PERC/PERC S
		TC 50 + HF 10	Characterization	Characterization	Characterization	Characterization	PERC/PERC S
		UV 65 kWh/m ²					PERC/PERC S

