



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

Factory Witness, Characterizations and Light-Induced Degradation Measurement								
Thermal Cycling	63/80/125°C Heat Shock	63/80/125°C Durability Sequence	Stress Reference	Stress Reference	Stress Induced Degradation	LETID Sensitivity	PRIVILE & IAM Profile	Field Exposure
Characterization	Characterization	UV 65 kWh/m <sup>2</sup>	Mechanical Load	Mechanical Load	65°C Exposure 100% (4 and/or 1) 192 hrs	LETID 162 hrs (75°C, 100% rel. amp)	IAM Profile	Exposure 6 Months
TC 200	DH 1000	TC 50 + HF 10	Dynamic Mechanical Load	Dynamic Mechanical Load	Characterization	LETID 162 hrs (75°C, 100% rel. amp)	Field Exposure 6 Months	Characterization
TC 200	Stabilization 80°C, 100% rel. amp, 48 hrs	UV 65 kWh/m <sup>2</sup>	TC 50 + HF 10	TC 50 + HF 10	TC 50 + HF 10	LETID 162 hrs (75°C, 100% rel. amp)	Characterization	Characterization
Characterization	Characterization	Characterization	TC 50 + HF 10	Characterization	Characterization	Characterization	Characterization	Characterization
		UV 65 kWh/m <sup>2</sup>						

