



Certificate Number

E313491 Report Reference E313491-20220105

> **Date** 2023-September-04



This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

UL 61730-1, Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction and UL 61730-2, Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing.

International Standard for CAN/CSA-C22.2 No. 61730-1: December 2019. Photovoltaic (PV) module Part 1: Requirements for construction and CAN/CSA-C22.2 No. 61730-2: safety qualification December 2019, Photovoltaic (PV) module safety qualification Part 2: Requirements for testing.

USL/CNL - Photovoltaic Module, Models:

Module series with 210 half cut cells:

CHSM66M(DG)/F-BH-635, CHSM66M(DG)/F-BH-640, CHSM66M(DG)/F-BH-645, CHSM66M(DG)/F-BH-650, CHSM66M(DG)/F-BH-655, CHSM66M(DG)/F-BH-660, CHSM66M(DG)/F-BH-665, CHSM66M(DG)/F-BH-670, CHSM66M(DG)/F-BH-675

CHSM60M(DG)/F-BH-580, CHSM60M(DG)/F-BH-585, CHSM60M(DG)/F-BH-590, CHSM60M(DG)/F-BH-595, CHSM60M(DG)/F-BH-600, CHSM60M(DG)/F-BH-605, CHSM60M(DG)/F-BH-610

CHSM55M(DG)/F-BH-525, CHSM55M(DG)/F-BH-530, CHSM55M(DG)/F-BH-535, CHSM55M(DG)/F-BH-540, CHSM55M(DG)/F-BH-545, CHSM55M(DG)/F-BH-550, CHSM55M(DG)/F-BH-555, CHSM55M(DG)/F-BH-560, CHSM55M(DG)/F-BH-565

CHSM50M(DG)/F-BH-475, CHSM50M(DG)/F-BH-480, CHSM50M(DG)/F-BH-485, CHSM50M(DG)/F-BH-490, CHSM50M(DG)/F-BH-495, CHSM50M(DG)/F-BH-500, CHSM50M(DG)/F-BH-505, CHSM50M(DG)/F-BH-510, CHSM50M(DG)/F-BH-515

Module series with 182 half cut cells:

CHSM72M(DG)/F-BH-515, CHSM72M(DG)/F-BH-520, CHSM72M(DG)/F-BH-525, CHSM72M(DG)/F-BH-530, CHSM72M(DG)/F-BH-535, CHSM72M(DG)/F-BH-540, CHSM72M(DG)/F-BH-545, CHSM72M(DG)/F-BH-550, CHSM72M(DG)/F-BH-555, CHSM72M(DG)/F-BH-560

CHSM72M(DGT)/F-BH-505, CHSM72M(DGT)/F-BH-510, CHSM72M(DGT)/F-BH-515, CHSM72M(DGT)/F-BH-520, CHSM72M(DGT)/F-BH-525, CHSM72M(DGT)/F-BH-530, CHSM72M(DGT)/F-BH-535, CHSM72M(DGT)/F-BH-540, CHSM72M(DGT)/F-BH-545, CHSM72M(DGT)/F-BH-550, CHSM72M(DGT)/F-BH-555, CHSM72M(DGT)/F-BH-560

CHSM66M(DG)/F-BH-470, CHSM66M(DG)/F-BH-475, CHSM66M(DG)/F-BH-480, CHSM66M(DG)/F-BH-485, CHSM66M(DG)/F-BH-490, CHSM66M(DG)/F-BH-495,









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CHSM66M(DG)/F-BH-500, CHSM66M(DG)/F-BH-505, CHSM66M(DG)/F-BH-510, CHSM66M(DG)/F-BH-515

 $\label{eq:chsm54M} $$ CHSM54M(DG)/F-BH-390, CHSM54M(DG)/F-BH-395, CHSM54M(DG)/F-BH-400, CHSM54M(DG)/F-BH-405, CHSM54M(DG)/F-BH-410, CHSM54M(DG)/F-BH-415$

CHSM78M(DG)/F-BH-580, CHSM78M(DG)/F-BH-585, CHSM78M(DG)/F-BH-590, CHSM78M(DG)/F-BH-595, CHSM78M(DG)/F-BH-600, CHSM78M(DG)/F-BH-605

 $\label{eq:chsm60m} $$ CHSM60M(DG)/F-BH-435, CHSM60M(DG)/F-BH-440, CHSM60M(DG)/F-BH-445, CHSM60M(DG)/F-BH-450, CHSM60M(DG)/F-BH-455, CHSM60M(DG)/F-BH-460 $$$

CHSM48M(DGT)/F-BH-340, CHSM48M(DGT)/F-BH-345, CHSM48M(DGT)/F-BH-350, CHSM48M(DGT)/F-BH-355, CHSM48M(DGT)/F-BH-360, CHSM48M(DGT)/F-BH-365, CHSM48M(DGT)/F-BH-370

Module series with 166 or 158.75 half cut cells:

 $\label{eq:chsm72m(DG)/F-BH-365} CHSM72M(DG)/F-BH-370, CHSM72M(DG)/F-BH-375, CHSM72M(DG)/F-BH-380, CHSM72M(DG)/F-BH-385, CHSM72M(DG)/F-BH-390, CHSM72M(DG)/F-BH-395, CHSM72M(DG)/F-BH-400, CHSM72M(DG)/F-BH-405, CHSM72M(DG)/F-BH-410, CHSM72M(DG)/F-BH-415, CHSM72M(DG)/F-BH-420, CHSM72M(DG)/F-BH-425, CHSM72M(DG)/F-BH-430, CHSM72M(DG)/F-BH-435, CHSM72M(DG)/F-BH-440, CHSM72M(DG)/F-BH-445, CHSM72M(DG)/F-BH-450$

CHSM72M(DGT)/F-BH-355, CHSM72M(DGT)/F-BH-360, CHSM72M(DGT)/F-BH-365, CHSM72M(DGT)/F-BH-370, CHSM72M(DGT)/F-BH-375, CHSM72M(DGT)/F-BH-380, CHSM72M(DGT)/F-BH-385, CHSM72M(DGT)/F-BH-390, CHSM72M(DGT)/F-BH-395, CHSM72M(DGT)/F-BH-400, CHSM72M(DGT)/F-BH-405, CHSM72M(DGT)/F-BH-410, CHSM72M(DGT)/F-BH-415, CHSM72M(DGT)/F-BH-420, CHSM72M(DGT)/F-BH-425, CHSM72M(DGT)/F-BH-430, CHSM72M(DGT)/F-BH-435, CHSM72M(DGT)/F-BH-440,

 $\label{eq:chsm60m} $$ CHSM60M(DG)/F-BH-305, CHSM60M(DG)/F-BH-310, CHSM60M(DG)/F-BH-315, CHSM60M(DG)/F-BH-320, CHSM60M(DG)/F-BH-325, CHSM60M(DG)/F-BH-330, CHSM60M(DG)/F-BH-335, CHSM60M(DG)/F-BH-340, CHSM60M(DG)/F-BH-345, CHSM60M(DG)/F-BH-350, CHSM60M(DG)/F-BH-355, CHSM60M(DG)/F-BH-360, CHSM60M(DG)/F-BH-365, CHSM60M(DG)/F-BH-370, CHSM60M(DG)/F-BH-375 \\$

 $\label{lem:chsm60m} $$ CHSM60M(DGT)/F-BH-295, CHSM60M(DGT)/F-BH-300, CHSM60M(DGT)/F-BH-310, CHSM60M(DGT)/F-BH-315, CHSM60M(DGT)/F-BH-320, CHSM60M(DGT)/F-BH-32$

Debrah Jennings-Course

Deborah Jennings-Conner, VP Regulatory Services





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Module series with 182*191 half cut Topcon cells:

 $CHSM72RN(DG)/F-BH-590,\ CHSM72RN(DG)/F-BH-595,\ CHSM72RN(DG)/F-BH-600,\ CHSM72RN(DG)/F-BH-610,\ CHSM72RN(DG)/F-BH-615,\ CHSM72RN(DG)/F-BH-620$

CHSM54RN(DG)/F-BH-445, CHSM54RN(DG)/F-BH-450, CHSM54RN(DG)/F-BH-455

Olbrah Jennings-Course

Deborah Jennings-Conner, VP Regulatory Services

UL LLC

