May 22, 2020

Re: Miami Dade Approval and High Wind Span Charts **Miami Dade NOA #: 19-0429.02**

To Whom It May Concern:

Unirac is committed to the Florida market and to bringing the best products to our valued customers. Recent collaborations with 3rd party engineering firms and research institutions have resulted in optimized engineering of the Solarmount product line. As a result, we are now able to bring our customers even better spans in extreme wind conditions (see page 2). This update maintains the exact same product form factor, install experience and accessory compatibility, and does not require any additional training for installers. The results of this investment come completely as an added value to our customers.

And that is not all. We are proud to announce that Solarmount is the first solar racking product to a receive a Notice of Acceptance (NOA) product approval for construction in Miami-Dade County, Florida. With provisions for High Velocity Hurricane Zone (HVHZ) wind conditions, Miami-Dade has the most stringent building code requirements in the United States. The NOA (NOA No. 19-0429.02) will significantly reduce the cost and timeline of residential solar installation by enabling contractors to accelerate or even bypass costly project specific engineering reviews and radically streamlining the design, permitting and inspection process across all of Florida. A Miami-Dade NOA product approval is the gold standard of product approvals and is notoriously difficult to achieve. We will continue to pursue unsurpassed system performance while providing our industry best 25-year warranty.

The NOA is available at http://www.unirac.com or from the Miami-Dade website. For more information about Unirac products please contact your Unirac distributor or contact Unirac at (505) 248-2702 or info@unirac.com.

Better Solar Starts Here!

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The table provides guide on span for each rail. Below table is based on ASCE-7-10, Roof Zone 1, Exposure B and Mean Building Height of 30ft. For more precise design specifications refer to the detailed span tables.

Load		Rail Span											
Snow (psf)	Wind Speed (mph)	16 in	24 in	32 in	36 in	48 in	60 in	64 in	72 in	80 in	96 in	112 in	120 in	144 in
0	110	SMLT									SM			SMHD
	120													
	140													
	160													
	180													
10	110	SMLT								SM				SMHD
	120													
	140													
	160													
20	110	SMLT							SM			SMHD		
	120													
	140													
	160													
30	110	SMLT						SM			SMHD			
	120													
	140													
	160													
40	110	SMLT					SM							
	120													
	140													
	160													
50	110	SMLT					SM							
	120													
	140													
	160													
60	110	SMLT				SM								
	120													
	140													
	160													

*Table is meant to be a simplified span chart for conveying general rail capabilities. Use approved certification letters for actual design guidance

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