

Issue Date: August 16, 2019

Subject: Approval Letter for KB Racking Mounting System on Short Side Clamping

To Whom It May Concern:

Our modules have been certified to UL1703 standard in accordance with CSA certification body. Please refer to LONGi Installation Manual for the mounting methods that are currently approved.

We hereby confirm that the usage of KB Racking mounting systems of AeroRack 2.0 and EkonoRack-2.0 in combination with LONGi HiMO4 series are approved for related mechanical test loads as described in the table below:

Rack System		AeroRack 2.0 & EkonoRack 2.0			
Mounting Method		KB Short Side Clamping as per Diagram in Exhibit 3			
Clamping Position		60-100mm			
Clamping Width		51mm			
LONGi Module Model		LR4-60HPH-xxxM	LR4-72HPH-xxxM	LR4-60HBD-xxxM	LR4-72HBD-xxxM
Short Frame	B Side	35mm	35mm	30mm	35mm
	C side	30mm	25mm	15mm	10mm
Approved Test Loads		$\pm 2400\text{pa}$	$\pm 1200\text{pa}$	$\pm 2400\text{pa}$	$\pm 1600\text{pa}$

(*) Design Load Ratings in each direction for each module is determined by calculation safety factor according to: Design Load Rating = Approved test Load / 1.5.

All mounting designs must be certified by a registered professional engineer. The mounting design and procedures must comply with local electrical and building codes. System designers and installers are solely responsible for load calculations and the proper design of the supporting structure.

Exhibit 1: EkonoRack 2.0-PressFit-Installation-Manual

Exhibit 2: AeroRack 2.0 - Installation Manual_V4

Exhibit 3: Short Side Clamping (EkonoRack & AeroRack)

Sincerely

Technical Service Department

LONGi Solar Technology Co., Ltd.