

**Table 1: Photovoltaic module manufacturers meeting BloombergNEF's Tier 1 criteria as of 2Q 2022**

<b>Firm/ brand</b>	<b>Annual module capacity, MW/year</b>	<b>Firm/ brand</b>	<b>Annual module capacity, MW/year</b>
ZNShine*	10,000	Jinko*†	50,000
Waaree*	4,000	Jetion	2,500
Yingli†	7,000	JA Solar†	40,200
VSUN Solar*	2,600	Hyundai†	1,350
Ulica Solar	1,200	HT-SAAE*	3,000
Trina Solar*†	50,000	Hanwha Q-Cells*†	12,400
Talesun*	13,000	Hansol Technics†	600
Suntech*†	10,000	Haitai	8,000
Sunpro	1,400	GCL System	15,000
Sumec/ Phono Solar	3,000	First Solar*	8,400
Seraphim / SEG*†	7,750	Exiom Group	700
S-Energy	530	ET Solar Inc*	2,000
Risen Energy*†	24,600	Eging	5,000
Renesola Yixing	5,000	DMEGC*	5,000
Recom†	1,100	Chint/ Astronergy*	17,000
Neo Solar Power/ URE	1,800	Canadian Solar*	23,900
Maxeon*†	4,400	Boviet*	1,500
Jolywood	3,000	AE Solar	1,525
Jinneng/ Jinergy	4,000	<b>Total</b>	<b>337,455</b>

Source: BloombergNEF Note: Methodology [here](#). \* denotes a company for which technical due diligence reports are available from PV Evolution Labs, PVEL. Contact [Tristan.erion-lorico@pvel.com](mailto:Tristan.erion-lorico@pvel.com). † denotes manufacturers upon which RETC has conducted or is conducting technical due diligence. Contact [info@retc-ca.com](mailto:info@retc-ca.com) for details. Brands are shown in reverse alphabetical order to avoid giving the impression that position in the list is significant.