

“PROHIBITED FOREIGN ENTITIES” COMPLIANCE

SOLECTRIA® XGI 1500 UTILITY-SCALE INVERTERS

ABOUT YASKAWA SOLECTRIA SOLAR

Yaskawa Solectria Solar, a wholly owned subsidiary of Yaskawa America, Inc., is the largest U.S.-based inverter manufacturer, with design and engineering offices in Lawrence, MA, headquarters in Waukegan, IL and world-class production facilities in Buffalo Grove, IL and Franklin, WI.

Yaskawa Solectria Solar's XGI 1500 three-phase utility-scale inverters¹ are proudly made in the USA at Yaskawa's Buffalo Grove, IL facility, ensuring quality, reliability, and bankability for PV system owners, developers, and EPCs.

Yaskawa, with over 100 years of experience in power electronics and inverters, is a global leader in variable frequency drives, servo systems, machine controllers, and industrial robots.

Yaskawa Solectria Solar remains committed to delivering the highest-quality solar inverters and driving innovation in the industry.

[solectria.com](https://www.solectria.com)

Meet tax credit qualifications with Yaskawa Solectria Solar

Public Law 119-21, commonly referred to as One Big Beautiful Bill Act (OB3A), passed into law on July 4, 2025, contains new rules regarding qualifications for various Federal solar investment tax credits or production tax credit (ITC or PTC)². This legislation defines the term Prohibited Foreign Entity (PFE)³ and in order to qualify for the ITC or PTCs, projects are required to limit direct material costs from a PFE⁴.

REQUIREMENTS:

The table below shows the minimum non-PFE content, or Material Assistance Cost Ratio (MACR) percentages required for Federal 45Y/48E tax credit eligibility, which is based on the year a project begins construction.

Calendar Year Required Minimum Non-PFE Content for 45Y/48E Eligibility							
2026	2027	2028	2029	2030	2031	2032	2033
40%	45%	50%	55%	60%	60%	60%	60%



¹<https://www.solectria.com/products/power-inverters>

²IRC section 45Y – Clean Electricity Production Tax Credit and IRC section 48E – Clean Electricity Investment Tax Credit

³IRC section 7701(a)(51) – Defines Prohibited Foreign Entity and Foreign Influenced Entity

⁴IRC section 45Y(b)(1) and IRC section 48E(b)(6)

XGI 1500 INVERTER COMPLIANCE:

Yaskawa manufactures its XGI 1500 inverters in the United States and confirms that the Material Assistance Cost Ratio (MACR), exceeds the specified requirements listed on the front. To further support its customers, Yaskawa can certify the following MACR percentages for the XGI 1500 inverters.

Solectria XGI 1500 Inverter Material Assistance Cost Ratio Cost Based Method*			
Model Series	Model Name	Part Number	MACR
XGI 1500-166	XGI 1500-166/166-UL	UUX002090	84.5%
	XGI 1500-125/150-UL	UUX002089	
	XGI 1500-125/125-UL	UUX002088	
	XGI 1500-150/166-UL	UUX002087	
XGI 1500-166-A	XGI 1500-166/166-A	UUX002212	85.2%
	XGI 1500-125/150-A	UUX002211	
	XGI 1500-125/125-A	UUX002210	
	XGI 1500-150/166-A	UUX002209	
XGI 1500-166-3S	XGI 1500-166/166-3S	UUX002160	84.8%
	XGI 1500-125/125-3S	UUX002157	
XGI 1500-250	XGI 1500-250/250-600	UUX002229	87.0%
	XGI 1500-225-600	UUX002230	
	XGI 1500-200/200-480	UUX002231	
	XGI 1500-175-480	UUX002232	
XGI 1500-250-DCG	XGI 1500-250/250-600-DCG	UUX002286	87.2%
	XGI 1500-225-600-DCG	UUX002285	
	XGI 1500-200/200-480-DCG	UUX002284	
	XGI 1500-175-480-DCG	UUX002283	
XGI 1500-1MW	XGI 1500-1MW-600	XGI-1500-1MW-600	92.4%
	XGI 1500-0.99MW-600	XGI-1500-0.99MW-600	
	XGI 1500-0.85MW-600	XGI-1500-0.85MW-600	
	XGI 1500-0.75MW-600	XGI-1500-0.75MW-600	
	XGI 1500-0.50MW-600	XGI-1500-0.50MW-600	
	XGI 1500-0.498MW-600	XGI-1500-0.498MW-600	

* Following the cost-based method in IRS Notice 2026-15

M3D01Y26

For questions or further details, please contact Yaskawa Solectria Solar at sales@solectria.com.