

Declaration on the Upgrade of Electrical Parameters for TSM-xxxNEG19RC.20

To whom it may concern,

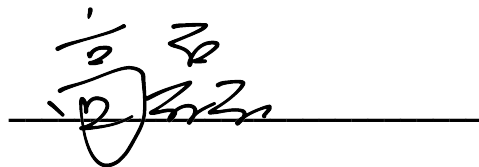
Thank you for your support and trust in Trina Solar's products. Due to continuous product advancement, the electrical parameters of Trina Vertex modules are under upgrade. The specific models concerned are as follows:

TSM-xxxNEG19RC.20 (xxx=590-635)

Relevant certification documents such as IEC61730 and IEC61215 are undergoing the process of renewal and upgrade. Referring to the Appendix, this upgrade will not affect the product performance and warranty. During the transition, the same product may have two versions of electrical parameter sheets and nameplates. We sincerely apologize for any inconvenience.

The upgrade date is scheduled to commence on January 20, 2025. There will be no separate notice for the completion of this upgrade.

Yours sincerely,



Name: Gao Lei

Title: Trina Solar Head of Global Module Product Management

Date: December 31st, 2024



Appendix:

The content of this upgrade and optimization involves the adjustments of I_{sc} and V_{oc} under STC (other electrical parameters on the datasheet, such as NOCT and BNPI will also be adjusted accordingly). The adjustments are within the tolerance range specified ($I_{sc} \leq \pm 5\%$, $V_{oc} \leq \pm 3\%$). The specific comparison for 605-630 included on the datasheet is as below:

Upgrade of Electrical Parameters for NEG19RC.20 at STC NEG19RC.20 STC电参升级							
Power Rating 功率档位		605	610	615	620	625	630
升级前 Before Upgrade	V_{oc}	48.70	49.00	49.30	49.60	49.90	50.20
	I_{sc}	15.83	15.86	15.89	15.91	15.92	15.93
	V_{mpp}	40.50	40.80	41.10	41.40	41.70	42.00
	I_{mpp}	14.94	14.96	14.98	14.99	15.00	15.01
升级后 After Upgrade	V_{oc}	47.89	48.09	48.29	48.50	48.70	48.90
	I_{sc}	16.08	16.14	16.20	16.26	16.32	16.38
	V_{mpp}	39.57	39.79	39.97	40.24	40.46	40.68
	I_{mpp}	15.29	15.33	15.39	15.41	15.45	15.49

For further consultation, please contact our Regional Technical Support Team, and we will do our best to answer your questions.

