ISO/IEC 17065:2012
10-CPR-009

SGS COLOMBIA S.A.S.
C&P-F490101
ORDEN No. 4200-44838
CERTIFICADO No. CRS27605
ORDEN CERT. No. CO-CERT251200616-03
CERTIFICADO DE CONFORMIDAD DE PRODUCTO
Restar Solar Renewable Energy Co., Ltd.
No. 30 Yongshun Road, Zhulin Town, Jintan District, Changzhou, Jiangsu, China

Certifica que el producto identificado como Paneles solares fotovoltaicos monocristalino, importados y/o fabricados y comercializados en Colombia por Restar Solar Renewable Energy Co., Ltd., con referencias relacionadas en las siguientes páginas del presente documento, han sido evaluados de conformidad con:

Resolución 40117 de 02 de abril de 2024 del Ministerio de Minas y Energía de Colombia " Por la cual se modifica el Reglamento Técnico de Instalaciones Eléctricas- RETIE". Libro 2. Título 2 - Requisitos generales para los productos utilizados en las instalaciones eléctricas. (Artículo. 2.2.1. Artículo. 2.2.2.).
Artículo 2.3.25 Paneles solares fotovoltaicos.

Estos productos han sido sometidos a toma de muestras, inspección, ejecución de pruebas de laboratorio y evaluación del sistema de gestión de calidad del fabricante de acuerdo con el esquema de certificación 5 RETIE.

Resultados obtenidos: CONFORME

Autorizado por:

SGS COLOMBIA S.A.S.

Camilo Ramirez
SGS Colombia S.A.S.
Carrera 100 No. 25C-11, Bodega 3
Bogotá D.C., Colombia

Fecha de Emisión: 2025-12-18
Fecha de Vencimiento: 2030-12-18
Versión 3; 2026-01-06

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Paneles solares fotovoltaicos monocristalino
Fabricadas por
Restar Solar Renewable Energy Co., Ltd.
No. 30 Yongshun Road, Zhulin Town, Jintan District, Changzhou, Jiangsu, China

Model	TYPE OF PRODUCT	Maximum Voltage	STC Open Circuit Voltage (Voc)	MAXIMUM CURRENT (A)	SHORT CIRCUIT CURRENT (A)	Power (W)
RT8K445M	MONO	1500	41.1±3%	13.16A	13.79±3%	445W
RT8K450M	MONO	1500	41.18±3%	13.27A	13.85±3%	450W
RT8K455M	MONO	1500	41.33±3%	13.36A	13.93±3%	455W
RT8K460M	MONO	1500	41.48±3%	13.45A	14.01±3%	460W
RT8K465M	MONO	1500	41.63±3%	13.54A	14.09±3%	465W
RT8K470M	MONO	1500	41.78±3%	13.63A	14.17±3%	470W
RT8K475M	MONO	1500	41.93±3%	13.72A	14.25±3%	475W
RT8K480M	MONO	1500	42.08±3%	13.79A	14.31±3%	480W
RT8K485M	MONO	1500	42.23±3%	13.85A	14.37±3%	485W
RT8V400M	MONO	1500	37.07±3%	12.9A	13.79±3%	400W
RT8V405M	MONO	1500	37.23±3%	12.98A	13.87±3%	405W
RT8V410M	MONO	1500	37.32±3%	13.04A	13.95±3%	410W
RT8V415M	MONO	1500	37.45±3%	13.13A	14.02±3%	415W
RT8V420M	MONO	1500	37.58±3%	13.22A	14.11±3%	420W
RT8V425M	MONO	1500	37.71±3%	13.31A	14.19±3%	425W
RT8V430M	MONO	1500	37.84±3%	13.4A	14.27±3%	430W
RT8V435M	MONO	1500	37.97±3%	13.49A	14.35±3%	435W
RT8I530M	MONO	1500	49.3±3%	12.83A	13.72±3%	530W
RT8I535M	MONO	1500	49.45±3%	12.9A	13.79±3%	535W
RT8I540M	MONO	1500	49.6±3%	12.97A	13.86±3%	540W
RT8I545M	MONO	1500	49.75±3%	13.04A	13.93±3%	545W
RT8I550M	MONO	1500	49.9±3%	13.11A	14±3%	550W
RT8I555M	MONO	1500	49.98±3%	13.19A	14.03±3%	555W
RT8I560M	MONO	1500	50.05±3%	13.3A	14.07±3%	560W
RT8I565M	MONO	1500	50.2±3%	13.37A	14.14±3%	565W
RT8I570M	MONO	1500	50.35±3%	13.44A	14.21±3%	570W
RT8I575M	MONO	1500	50.5±3%	13.51A	14.28±3%	575W
RT8I580M	MONO	1500	50.65±3%	13.58A	14.35±3%	580W
RT8I585M	MONO	1500	50.8±3%	13.65A	14.42±3%	585W
RT8K445M-FB	MONO	1500	41.1±3%	13.16A	13.79±3%	445W
RT8K450M-FB	MONO	1500	41.18±3%	13.27A	13.85±3%	450W
RT8K455M-FB	MONO	1500	41.33±3%	13.36A	13.93±3%	455W
RT8K460M-FB	MONO	1500	41.48±3%	13.45A	14.01±3%	460W
RT8K465M-FB	MONO	1500	41.63±3%	13.54A	14.09±3%	465W
RT8K470M-FB	MONO	1500	41.78±3%	13.63A	14.17±3%	470W
RT8K475M-FB	MONO	1500	41.93±3%	13.72A	14.25±3%	475W
RT8K480M-FB	MONO	1500	42.08±4%	13.79A	14.31±3%	480W
RT8K485M-FB	MONO	1500	42.23±5%	13.85A	14.37±3%	485W
RT8V400M-FB	MONO	1500	37.07±3%	12.9A	13.79±3%	400W

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Model	TYPE OF PRODUCT	Maximum Voltage	STC Open Circuit Voltage (Voc)	MAXIMUM CURRENT (A)	SHORT CIRCUIT CURRENT (A)	Power (W)
RT8V405M-FB	MONO	1500	37.23±3%	12.98A	13.87±3%	405W
RT8V410M-FB	MONO	1500	37.32±3%	13.04A	13.95±3%	410W
RT8V415M-FB	MONO	1500	37.45±3%	13.13A	14.02±3%	415W
RT8V420M-FB	MONO	1500	37.58±3%	13.22A	14.11±3%	420W
RT8V425M-FB	MONO	1500	37.71±3%	13.31A	14.19±3%	425W
RT8V430M-FB	MONO	1500	37.84±3%	13.4A	14.27±3%	430W
RT8V435M-FB	MONO	1500	37.97±3%	13.49A	14.35±3%	435W
RT8I530M-FB	MONO	1500	49.3±3%	12.83A	13.72±3%	530W
RT8I535M-FB	MONO	1500	49.45±3%	12.9A	13.79±3%	535W
RT8I540M-FB	MONO	1500	49.6±3%	12.97A	13.86±3%	540W
RT8I545M-FB	MONO	1500	49.75±3%	13.04A	13.93±3%	545W
RT8I550M-FB	MONO	1500	49.9±3%	13.11A	14±3%	550W
RT8I555M-FB	MONO	1500	49.98±3%	13.19A	14.03±3%	555W
RT8I560M-FB	MONO	1500	50.05±3%	13.3A	14.07±3%	560W
RT8I565M-FB	MONO	1500	50.2±3%	13.37A	14.14±3%	565W
RT8I570M-FB	MONO	1500	50.35±3%	13.44A	14.21±3%	570W
RT8I575M-FB	MONO	1500	50.5±3%	13.51A	14.28±3%	575W
RT8I580M-FB	MONO	1500	50.65±3%	13.58A	14.35±3%	580W
RT8I585M-FB	MONO	1500	50.8±3%	13.65A	14.42±3%	585W
RTM390M	MONO	1500	34.56±3%	13.66	14.34±3%	390W
RTM385M	MONO	1500	34.41±3%	13.56	14.24±3%	385
RTM380M	MONO	1500	34.26±3%	13.45	14.14±3%	380
RTM375M	MONO	1500	34.11±3%	13.35	14.04±3%	375
RTM370M	MONO	1500	33.96±3%	13.24	13.94±3%	370
RTM365M	MONO	1500	33.81±3%	13.13	13.84±3%	365
RTM360M	MONO	1500	33.66±3%	13.02	13.74±3%	360
RTM355M	MONO	1500	31.68±3%	13.45	14.25±3%	355
RTM350M	MONO	1500	31.53±3%	13.34	14.14±3%	350
RTM345M	MONO	1500	31.38±3%	13.22	14.03±3%	345
RTM340M	MONO	1500	31.23±3%	13.11	13.92±3%	340
RTM335M	MONO	1500	30.24±3%	13.3	14.05±3%	335
RTM330M	MONO	1500	30.09±3%	13.18	13.94±3%	330
RTM325M	MONO	1500	29.94±3%	13.06	13.82±3%	325
RTM320M	MONO	1500	29.79±3%	12.93	13.71±3%	320
RTM315M	MONO	1500	28.8±3%	13.13	13.89±3%	315
RTM310M	MONO	1500	28.65±3%	13	13.76±3%	310
RTM305M	MONO	1500	28.5±3%	12.87	13.63±3%	305
RTM300M	MONO	1500	28.35±3%	12.74	13.5±3%	300
RTM295M	MONO	1500	28.2±3%	12.61	13.37±3%	295
RTM290M	MONO	1500	25.92±3%	13.43	14.17±3%	290
RTM285M	MONO	1500	25.77±3%	13.29	14.03±3%	285
RTM280M	MONO	1500	25.62±3%	13.15	13.89±3%	280
RTM275M	MONO	1500	25.47±3%	13.01	13.76±3%	275
RTM270M	MONO	1500	25.32±3%	12.86	13.61±3%	270
RTM265M	MONO	1500	25.17±3%	12.71	13.46±3%	265
RTM255M	MONO	1500	22.88±3%	13.27	14.1±3%	255

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Model	TYPE OF PRODUCT	Maximum Voltage	STC Open Circuit Voltage (Voc)	MAXIMUM CURRENT (A)	SHORT CIRCUIT CURRENT (A)	Power (W)
RTM250M	MONO	1500	22.73±3%	13.11	13.94±3%	250
RTM245M	MONO	1500	22.58±3%	12.95	13.78±3%	245
RTM240M	MONO	1500	21.6±3%	13.29	14.1±3%	240
RTM235M	MONO	1500	21.4±3%	13.16	13.97±3%	235
RTM230M	MONO	1500	21.2±3%	13.03	13.84±3%	230
RTM225M	MONO	1500	21±3%	12.89	13.7±3%	225
RTM220M	MONO	1500	20.02±3%	13.08	13.95±3%	220
RTM215M	MONO	1500	19.82±3%	12.94	13.81±3%	215
RTM210M	MONO	1500	19.62±3%	12.79	13.66±3%	210
RTM205M	MONO	1500	19.42±3%	12.64	13.51±3%	205
RTM195M	MONO	1500	17.28±3%	13.32	14.25±3%	195
RTM190M	MONO	1500	17.08±3%	13.16	14.09±3%	190
RTM185M	MONO	1500	16.88±3%	13	13.93±3%	185
RTM180M	MONO	1500	16.68±3%	12.83	13.76±3%	180
RTM175M	MONO	1500	16.48±3%	12.65	13.58±3%	175
RTM160M	MONO	1500	14.72±3%	12.96	13.85±3%	160
RTM155M	MONO	1500	14.52±3%	12.76	13.66±3%	155
RTM150M	MONO	1500	14.2±3%	12.65	13.53±3%	150
RTM145M	MONO	1500	12.96±3%	13.32	14.15±3%	145
RTM140M	MONO	1500	12.76±3%	13.1	13.94±3%	140
RTM130M	MONO	1500	11.52±3%	13.43	14.26±3%	130
RTM125M	MONO	1500	11.32±3%	13.19	14.02±3%	125
RTM120M	MONO	1500	11.12±3%	12.94	13.77±3%	120
RTM100M	MONO	1500	8.7±3%	13.57	14.38±3%	100
RTM095M	MONO	1500	8.5±3%	13.25	14.08±3%	95
RTM090M	MONO	1500	8.3±3%	12.92	13.75±3%	90
RTM065M	MONO	1500	5.76±3%	13.43	14.29±3%	65
RTM060M	MONO	1500	5.56±3%	12.94	13.8±3%	60
RTM045M	MONO	1500	4.26±3%	12.47	13.45±3%	45
RTM040M	MONO	1500	3.96±3%	12.09	13.07±3%	40
RTM030M	MONO	1500	2.84±3%	12.72	13.54±3%	30

NÚMERO DE REPORTE Y LABORATORIO: 704062228103-00 Part 1 of 2., Changzhou HuaYang Inspection and Testing Technology Co., Ltd./ SHES251102058471., Guoce Testing Technology (Suzhou) Co., Ltd.

USOS Y PROHIBICIONES: Ver numeral 1.3, 2 y 3 “Advertencias, instalación y conexión de cableado” del manual del usuario.

*****FIN DEL DOCUMENTO*****

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