

ANEXO 2
FORMATO DE SOLICITUD DE INTERCONEXIÓN A LAS REDES GENERALES DE DISTRIBUCIÓN PARA CENTRALES ELÉCTRICAS CON CAPACIDAD MENOR A 0.5 MW

Fecha: _____ Número de solicitud: _____

I. Datos del solicitante

Nombre, denominación o razón social APONTE CASTILLO ALEJANDRO			
Domicilio Calle CALZ P DIAZ	Número exterior 247	Número interior S/N	Código postal 68050
Colonia/Población COL. REFORMA	Delegación/Municipio OAXACA		Estado OAXACA
Teléfono 01 951 164 46 79	Correo electrónico aponte814@hotmail.com		Fax ----

II. Datos de contacto

Nombre LAURA KATIA ROBLES JIMENEZ		Puesto PROYECTISTA	
Domicilio Calle AMAPOLAS	Número exterior #514	Número interior S/N	Código postal 68050
Colonia/Población COLONIA REFORMA	Delegación/Municipio OAXACA DE JUÁREZ		Estado OAXACA
Teléfono 01 951 592 81 81	Correo electrónico ventas.energizate@gmail.com		Fax ----

III. Datos de la solicitud

Modalidad de la solicitud	Baja Tensión ☐	Media Tensión ☒
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IV. Utilización de la energía eléctrica producida

Consumo de Centros de Carga ☒	Consumo de Centro de Carga y Venta de Excedentes ☐	Venta total ☐
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V. Datos del servicio de suministro actual

Registro público de usuario (RPU) 679140108378	Nivel de tensión de suministro 220 V
--	--

VI. Central eléctrica

Fecha estimada de operación normal (DD/MM/AAAA)	Capacidad bruta Instalada en (kW) 8.8 kW	Capacidad a incrementar (Kw) (opcional) ---	Generación promedio mensual estimada (kWh/mes) 1018.43 kWh/mes
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VII. Manifestación de cumplimiento de las especificaciones técnicas generales

Manifiesto bajo protesta de decir verdad que la Central Eléctrica cumple con las especificaciones técnicas requeridas de acuerdo las disposiciones aplicables. ☒

Tecnología para generación de energía eléctrica

Solar ☒

Eólica ☐

Biomasa ☐

Cogeneración ☐

Otro ☐

Especificar _____

No. De unidades de generación
16 módulos fotovoltaicos

Combustible principal

SOL

Combustible secundario

N/A

Coordenadas UTM

1	X	17.0808181	Y	-96.7191053
2				
4				
5				
6				

APONTE CASTILLO ALEJANDRO

(Representante Legal o El Solicitante) (El Solicitante) certifica que la información proporcionada en la presente solicitud es apropiada precisa y verídica. El solicitante acepta que los datos proporcionados Interconexión de la Centra Eléctrica del Solicitante al amparo de la Ley de la Ley Industria Eléctrica y su Reglamento en caso de ser requerido.

El solicitante entiende que los datos proporcionados se añadirán a las bases de datos del Suministrador cuando se firme un contrato de Interconexión respectivo.

El solicitante deberá anexa a la presente solicitud, la información técnica requerida en el documento "Información Técnica Requerida para Centrales Eléctricas"

Firma de conformidad

Solicitante

Nombre

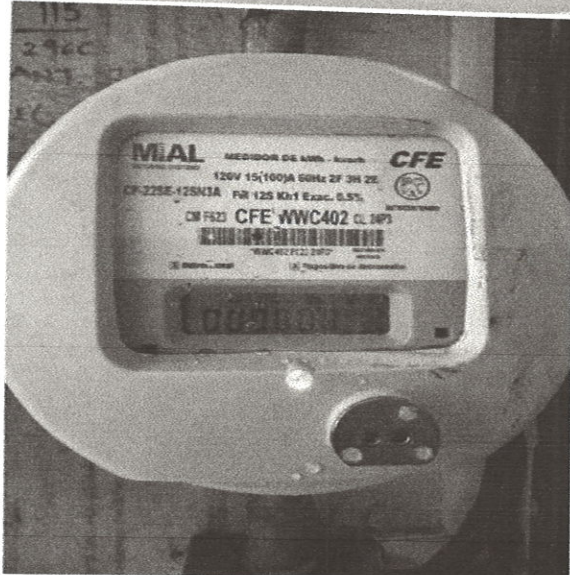
APONTE CASTILLO ALEJANDRO

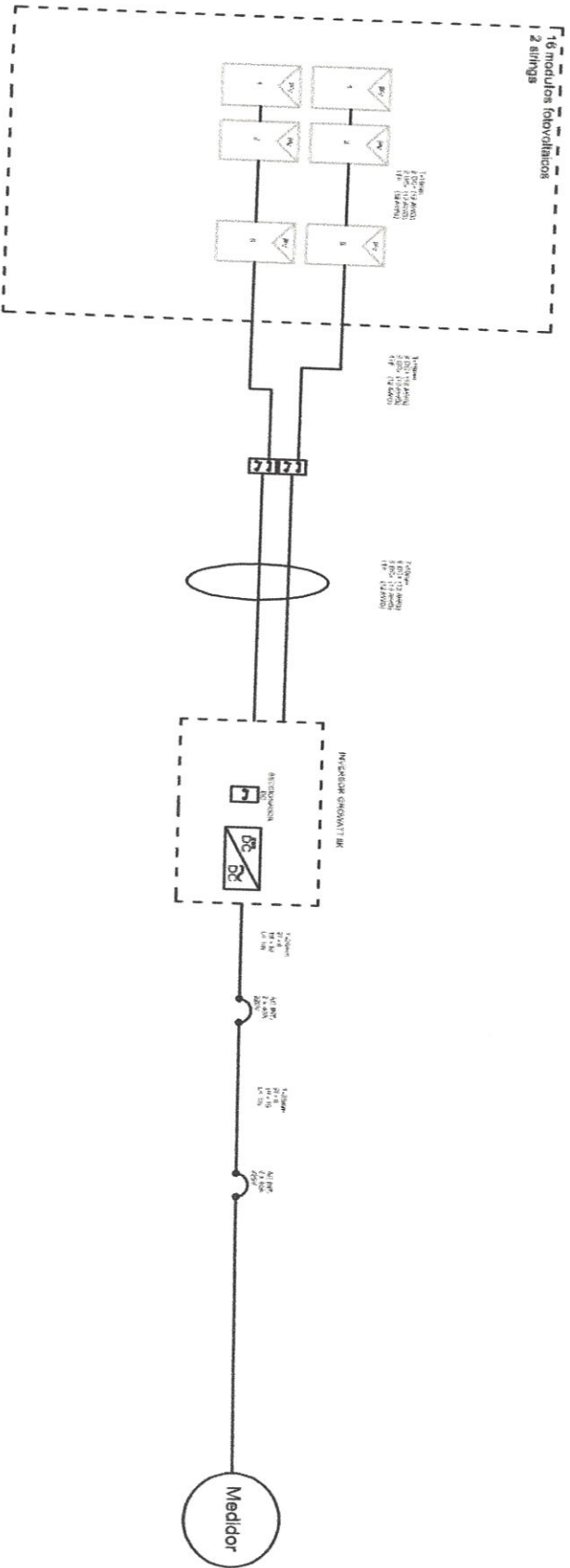
Cargo

Fecha

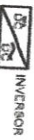
Sello y firma

Centro de atención





SIMBOLOGIA



MÓDULO FOTOVOLTAICO
600 W

DIAGRAMA UNIFILAR INSTALACIÓN FV

DIBUJO: ING. MAURICIO ARZATE GALLEG0

APROBÓ: ING. MAURICIO ARZATE GALLEG0

UBICACIÓN: LEÓN, GTO.

NÚMERO DE HOJAS: 01

HOJA 01 DE 01

ESCALA: N/A

FECHA: 25-09-2024



Comisión Federal de Electricidad®

APONTE CASTILLO ALEJANDRO

CALZ P DIAZ 247

REFORMA U #C.P.68050
OAXACA DE JUAREZ, OA,OAX

NO. DE SERVICIO:679140108378

RMU:68050 14-01-13 AOCA-770401 010 CFE

CUENTA:11DK09A011180328

LÍMITE DE PAGO:25 MAY 24

CORTE A PARTIR:26 MAY 24

TARIFA:PDBTNO. **MEDIDOR:**886B0L

MULTIPLICADOR:1
NO HILOS:1

PERIODO FACTURADO:07 MAR 24-08 MAY 24

CFE Suministrador de Servicios Básicos
Río Ródano No. 14, colonia Cuauhtémoc,
Alcaldía Cuauhtémoc, Código Postal 06500,
Ciudad de México. RFC: CSS160330CP7

TOTAL A PAGAR:

\$7,657

(SIETE MIL SEISCIENTOS CINCUENTA Y SIETE PESOS M.N.)

¿QUIERES RECIBIR TU RECIBO DIGITAL?

En 3 Pasos:

1. Escanea el QR.
2. Actualiza tus datos.
3. Listo.



Concepto	Lectura actual		Lectura anterior		Total periodo	Precio (MXN)	Subtotal (MXN)
	Medida	X Estimada	Medida	X Estimada			
Energía (kWh)	53,434		51,885		1,549		



Este gráfico refleja tu nivel de consumo. A menor uso, mayor apoyo.

Subtotal

Costos de la energía en el Mercado Eléctrico Mayorista					Desglose del Importe a pagar	
Concepto	\$	\$/kW	\$/KWh	Importe (MXN)	Concepto	Importe (MXN)
Suministro	72.72	0.00	0.00	72.72	Cargo Fijo(3)	72.72
Distribución	0.00	0.00	1,788.79	1,788.79	Energía	6,102.14
Transmisión	0.00	0.00	274.02	274.02	Subtotal	6,174.86
CENACE	0.00	0.00	10.07	10.07	IVA 16%	987.98
Energía	0.00	0.00	2,483.05	2,483.05	Fac. del Periodo	7,162.84
Capacidad	0.00	0.00	1,536.61	1,536.61	DAP(2)	493.99
SCnMEM(1)	0.00	0.00	9.60	9.60	Adeudo Anterior	5,691.66
					Su Pago	-5,691.00
					Total	7,657.49

Fecha, hora y lugar de Impresión:08/07/2024 10:56:53hrsCalle ReformaNo.701Col CentroOaxacaOaxacaMéxicoCP 68000

(1) SCnMEM: Costos relacionados con los servicios del Mercado. (2) DAP: Derecho al Alumbrado Público. (3) Cargos o créditos: Diversos conceptos que se pueden incluir en el aviso recibo relacionados con el suministro.



68050 14-01-13 AOCA-770401 010 CFE
01 679140108378 240525 000007657 6

11DK09A011180328Repartir

-1-

CFE-contigo

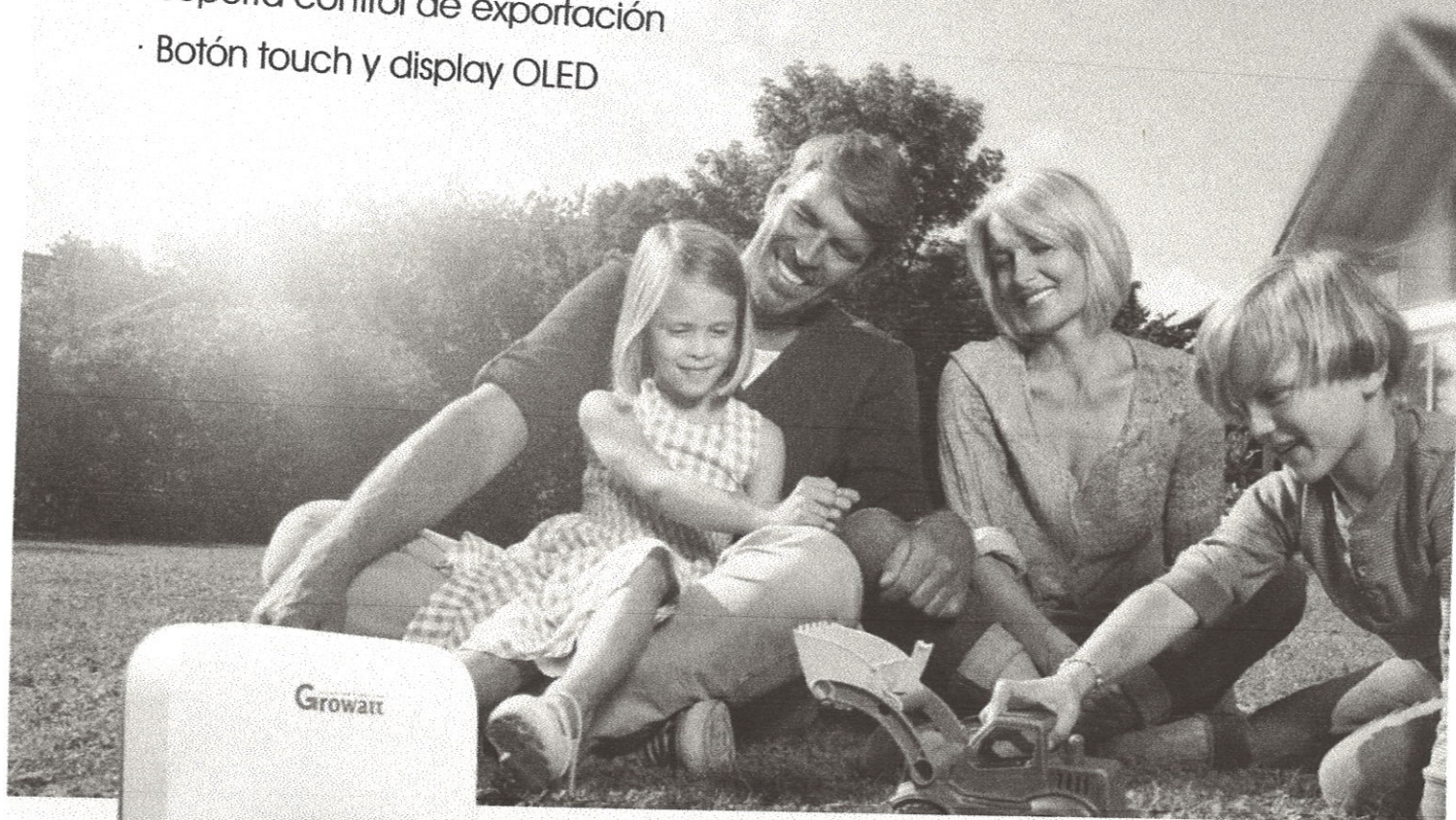


\$7,657

(SIETE MIL SEISCIENTOS CINCUENTA Y SIETE PESOS M.N.)

MIN 2500~6000TL-X

- Máxima eficiencia de 98.4%
- MPPT Dual
- SPD Tipo II en el lado DC
- Soporta control de exportación
- Botón touch y display OLED



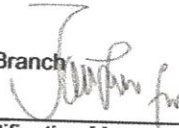
Growatt

WWW.ginverter.com

P O W E R
- I N G O
T O M O -
R R O W O

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant: Shenzhen Growatt New Energy Co., Ltd.
Address: 4-13/F, Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave, BAO'AN DISTRICT, Shenzhen
Country: CHINA
Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shenzhen Limited Guangzhou Branch
Control Number: 4003184
Manufacturer: Guangdong Growatt New EnergyCo., Ltd
Address: Growatt Industrial Park, No.17Pingheng Road Pingtan Town,Huiyang District, Huizhou, Guangdong
Country: CHINA
Authorized by:  for L. Matthew Snyder, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Inverters, Converters, Controllers and Interconnection System Equipment for use with Distributed Energy Resources [UL 1741:2021 Ed.3]	
Interconnecting Distributed Resources With Electric Power Systems (R2008) [IEEE 1547:2003]	
Standard(s):	Amendment 1 to IEEE 1547 - Interconnecting Distributed Resources With Electric Power Systems [IEEE 1547a:2014]
	IEEE Standard Conformance Test Procedures For Equipment Interconnecting Distributed Resources With Electric Power Systems [IEEE 1547.1:2005]
Product:	PV Grid Inverter
Brand Name:	GROWATT
Models:	MIN 2500TL-X, MIN 3000TL-X, MIN 3600TL-X, MIN 4200TL-X, MIN 4600TL-X, MIN 5000TL-X, MIN 6000TL-X MIN 2500TL-X2, MIN 3000TL-X2, MIN 3600TL-X2, MIN 4200TL-X2, MIN 4600TL-X2, MIN 5000TL-X2, MIN 6000TL-X2

HIGH PERFORMANCE MONOCRYSTALLINE PERC MODULE

G6.4

RSM144-9-535M-555M

144 CELL

Mono PERC Module

535-555Wp

Power Output Range

1500VDC

Maximum System Voltage

21.5%

Maximum Efficiency

KEY SALIENT FEATURES



Global, Tier 1 bankable brand, with independently certified state-of-the-art automated manufacturing



Industry leading lowest thermal co-efficient of power



Industry leading 12 years product warranty



Excellent low irradiance performance



Excellent PID resistance



Positive power tolerance of 0~+3%



Dual stage 100% EL Inspection warranting defect-free product



Module Imp binning radically reduces string mismatch losses



Excellent wind load 2400Pa & snow load 5400Pa under certain installation method



Comprehensive product and system certification

- IEC61215:2016; IEC61730-1/-2:2016;
- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 Occupational Health and Safety Management System



* As there are different certification requirements in different markets, please contact your local Risen Energy sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

RISEN ENERGY CO., LTD.

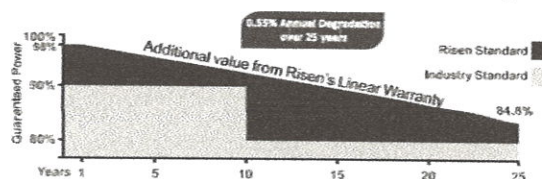
Risen Energy is a leading, global tier 1 manufacturer of high-performance solar photovoltaic products and provider of total business solutions for residential, commercial and utility-scale power generation. The company, founded in 1988, and publicly listed in 2010, compels value generation for its chosen global customers. Techno-commercial innovation, underpinned by consummate quality and support, encircle Risen Energy's total Solar PV business solutions which are among the most powerful and cost-effective in the industry. With local market presence and strong financial bankability status, we are committed, and able, to building strategic, mutually beneficial collaborations with our partners, as together we capitalise on the rising value of green energy.

Tashan Industry Zone, Melian, Ninghai 315609, Ningbo | PRC
Tel: +86-574-59953239 Fax: +86-574-59953599
E-mail: marketing@risenenergy.com Website: www.risenenergy.com



LINEAR PERFORMANCE WARRANTY

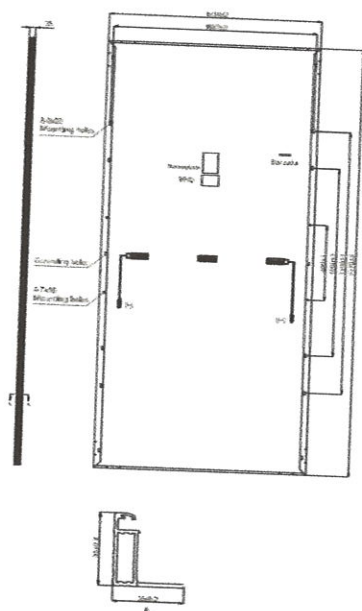
12 year Product Warranty / 25 year Linear Power Warranty



* Please check the valid version of Limited Product Warranty which is officially released by Risen Energy Co., Ltd.

THE POWER OF RISING VALUE

Dimensions of PV Module



ELECTRICAL DATA (STC)

Model Number	RSM144-9-535M	RSM144-9-540M	RSM144-9-545M	RSM144-9-550M	RSM144-9-555M
Rated Power in Watts-Pmax(Wp)	535	540	545	550	555
Open Circuit Voltage-Voc(V)	49.50	49.60	49.70	49.80	49.91
Short Circuit Current-Isc(A)	13.64	13.74	13.84	13.94	14.04
Maximum Power Voltage-Vmpp(V)	41.87	41.99	42.11	42.20	42.29
Maximum Power Current-Impp(A)	12.79	12.87	12.96	13.04	13.13
Module Efficiency (%) *	20.7	20.9	21.1	21.3	21.5

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.
* Module Efficiency (%): Round-off to the nearest number

ELECTRICAL DATA (NMOT)

Model Number	RSM144-9-535M	RSM144-9-540M	RSM144-9-545M	RSM144-9-550M	RSM144-9-555M
Maximum Power-Pmax (Wp)	398.5	402.0	405.8	409.4	413.3
Open Circuit Voltage-Voc (V)	46.68	46.77	46.87	46.96	47.07
Short Circuit Current-Isc (A)	11.18	11.27	11.35	11.43	11.51
Maximum Power Voltage-Vmpp (V)	38.70	38.80	38.90	39.00	39.10
Maximum Power Current-Impp (A)	10.30	10.36	10.43	10.50	10.57

NMOT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

MECHANICAL DATA

Solar cells	Monocrystalline
Cell configuration	144 cells (6×12×6×12)
Module dimensions	2279×1134×35mm
Weight	27.8kg
Superstrate	High Transmission, Low Iron, Tempered ARC Glass
Substrate	White Back-sheet
Frame	Anodized Aluminium Alloy type 6005-2T6, Silver Color
J-Box	Potted, IP68, 1500VDC, 3 Schottky bypass diodes
Cables	4.0mm ² (12AWG), Positive(+)350mm, Negative(-)230mm (Connector Included)
Connector	Risen Twinsel PV-SY02, IP68

TEMPERATURE & MAXIMUM RATINGS

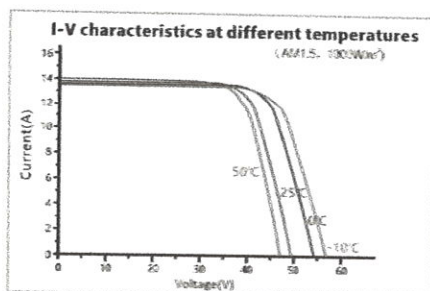
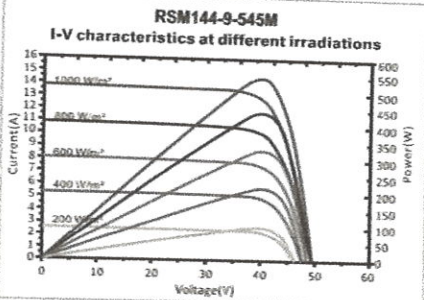
Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.275%/°C
Temperature Coefficient of Isc	0.045%/°C
Temperature Coefficient of Pmax	-0.35%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Max Series Fuse Rating	25A
Limiting Reverse Current	25A

PACKAGING CONFIGURATION

	40ft(HQ)	20ft
Number of modules per container	620	155
Number of modules per pallet	31	31
Number of pallets per container	20	5
Packaging box dimensions (LxWxH) in mm	2320×1130×1260	2320×1130×1260
Box gross weight[kg]	930	930

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.
©2022 Risen Energy. All rights reserved. Contents included in this datasheet are subject to change without notice.
No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings
is granted unless as otherwise specifically confirmed by manufacturer in contract document.

THE POWER OF RISING VALUE



Our Partners:



Certificate of Compliance

Certificate: 70215816

Master Contract: 259668

Project: 80102699

Date Issued: 2021-11-03

Issued to: Risen Energy Co., Ltd.
No. 23 Middle Xingke Road,
Ninghai, Ningbo, Zhejiang, 315609
P.R. CHINA

Attention: Suber Yang

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Simon Shen
Simon Shen

PRODUCTS

CLASS - C531110 - POWER SUPPLIES-Photovoltaic Modules and Panels

CLASS - C531190 - POWER SUPPLIES-Photovoltaic Modules and Panels - Certified to US Standards

Photovoltaic modules with maximum DC system voltage of 1500 V, Safety Class II.

Model series:

RSM72-6-xxxP (xxx = 305 to 355 W),
RSM72-6-xxxM (xxx = 370 to 410 W),
RSM60-6-xxxM (xxx = 305 to 345 W),
RSM60-6-xxxP (xxx = 260 to 295 W),
RSM156-6-xxxM (xxx = 410 to 455 W),
RSM144-6-xxxM (xxx = 350 to 415 W),
RSM132-6-xxxM (xxx = 320 to 380 W),
RSM120-6-xxxM (xxx = 295 to 350 W),
RSM120-7-xxxM (xxx = 355 to 375 W),
RSM144-7-xxxM (xxx = 425 to 450 W),
RSM150-8-xxxM (xxx = 465 to 515 W),
RSM144-9-xxxM (xxx = 525 to 555 W),
RSM132-9-xxxM (xxx = 485 to 510 W),
RSM120-9-xxxM (xxx = 440 to 465 W),
RSM110-8-xxxM (xxx = 525 to 560 W),



Certificate: 70215816

Project: 80102699

Master Contract: 259668

Date Issued: 2021-11-03

80027014	2020-03-12	Update report to add new cell T1S-00000UD4B manufactured by TAINERGY TECH CO., LTD.
80027013	2020-03-12	Update report to add new cell T1S-00000UB4B manufactured by TAINERGY TECH CO., LTD, add new module series RSM72-6-xxxM, RSM60-6-xxxM, extend the power rating for RSM144-6-xxxM, RSM132-6-xxxM, RSM120-6-xxxM and update the standard from CAN/CSA-C22.2 No. 61730-1:11 to the latest standard CAN/CSA-C22.2 No. 61730-1:19.
80022610	2019-10-30	Update report for factory "Vietnam Sunergy Joint Stock Company".
80011115	2019-09-05	Update report to add two alternative cells: TIM- manufactured by VIETENERGY CO., LTD. and NP6W manufactured by GINTECH (THAILAND) LIMITED.
70215816	2019-07-02	CSA C/US Certification for Photovoltaic (PV) Modules, Model Series RSM72-6-xxxP (xxx = 305 to 355 W), RSM60-6-xxxP (xxx = 260 to 295 W), RSM144-6-xxxM (xxx = 350 to 405 W), RSM132-6-xxxM (xxx = 320 to 370 W), and RSM120-6-xxxM (xxx = 295 to 340 W).

CARTA PODER

Oaxaca de Juárez, Oaxaca.

COMISIÓN FEDERAL DE ELECTRICIDAD

Suministro Federal de Electricidad

PRESENTE

Por medio de la presente me permito informarle que no está en mis posibilidades realizar los trámites correspondientes y otros de mi servicio, por tal motivo otorgó a la C. LAURA KATIA ROBLES JIMENEZ poder amplio y cumplido, para que en mi nombre y representación pueda realizar todas las gestiones que se necesiten para cambios de titular, tarifas, incremento de demanda contratada, solicitudes, modificaciones y trámites que se requieran en lo subsecuente y hasta iniciar y finalizar el proceso de interconexión, relacionado con mi servicio ante la COMISIÓN FEDERAL DE ELÉCTRICIDAD, en el inmueble a nombre de APONTE CASTILLO ALEJANDRO con dirección en CALZ P DIAZ, NÚMERO 247, COL. REFORMA, OAXACA DE JUAREZ, OAX, C.P. 68050 Y Número de servicio: 679140108378.

Acepto el poder

Otorgante





C. LAURA KATIA ROBLES JIMENEZ

C. APONTE CASTILLO ALEJANDRO

TESTIGOS



C. ANGELA SHAHIDE RAMOS
GARCIA



C. Yael SILVA RODRIGUEZ

 **MÉXICO** INSTITUTO FEDERAL ELECTORAL
REGISTRO FEDERAL DE ELECTORES
CREDENCIAL PARA VOTAR



NOMBRE
APONTE
CASTILLO
ALEJANDRO
DOMICILIO
BARR DE ANALCO 72000
PUEBLA, PUE.
CLAVE DE ELECTOR APCSAL77040121H800
CURP AOCA770401HPLPSL08

FECHA DE NACIMIENTO
01/04/1977
SEXO H



AÑO DE REGISTRO 1995 05
ESTADO 21 MUNICIPIO 115 SECCIÓN 1425
LOCALIDAD 0001 EMISIÓN 2014 VIGENCIA 2024

EDMUNDO RODRÍGUEZ
SECRETARIO GENERAL DEL
INSTITUTO FEDERAL ELECTORAL

IDMEX1120530044<<1425076146584
7704019H2412311MEX<05<<01359<0
APONTE<CASTILLO<<ALEJANDRO<<<<

MEXICO INSTITUTO NACIONAL ELECTORAL
CREDENCIAL PARA VOTAR

NOMBRE
ROBLES
JIMENEZ
LAURA KATIA

SEXO M

DOMICILIO
C4 MZ 5 LT 18 CS 110
FRACC EL ROSARIO 71246
SAN SEBASTIAN TUTLA, OAX.

CLAVE DE ELECTOR RJJMLR94102320M800

CURP
ROJL941023MOCBIMR05

AÑO DE REGISTRO
2012 02

FECHA DE NACIMIENTO
23/10/1994

SECCIÓN
1630

VIGENCIA
2020 - 2030

Kw

INE

IDMEX2062624873<<1630093544618
9410235M3012316MEX<02<<07915<2
ROBLES<JIMENEZ<<LAURA<KATIA<<<

 **MÉXICO INSTITUTO NACIONAL ELECTORAL**
CREDENCIAL PARA VOTAR

 **NOMBRE**
RAMOS
GARCIA
ANGELA SHAHIDE

SEXO M



DOMICILIO
C LIBERTAD DE PRENSA MZA 6 12
U HAB RICARDO FLORES MAGON 68020
OAXACA DE JUAREZ, OAX.

CLAVE DE ELECTOR RMGRAN00123014M700

CURP RAGAG61230MJCNR04

AÑO DE REGISTRO 2017 00

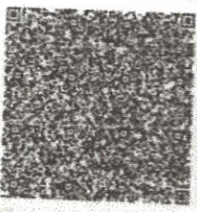
FECHA DE NACIMIENTO 30/12/1996

SECCIÓN 0518

VIGENCIA 2017 - 2027





ID MEX2295062048<<0518117287715
9812301M2712310MEX<00<<26896<2
RAMOS<GARCIA<<ANGELA<SHAHIDE<<



MÉXICO

INSTITUTO NACIONAL ELECTORAL CREDENCIAL PARA VOTAR



NOMBRE
SILVA
RODRIGUEZ
Yael

SEXO M



DOMICILIO
C LAGO ASSALE 3 A
FRACC VALLE REAL 74367
ATLIXCO, PUE.

CLAVE DE ELECTOR SLRDYL95110320M900

CURP
SIRY951103MOCLDL05

AÑO DE REGISTRO
2014 03

FECHA DE NACIMIENTO
03/11/1995

SECCIÓN
0208

VIGENCIA
2023 - 2033



ELECCIONES FEDERALES

LOCALES Y EXTRAORDINARIAS

INE



E007162

EDMUNDO JACOSO MOLINA
SECRETARIO EJECUTIVO DEL
INSTITUTO NACIONAL ELECTORAL

IDMEX2439269166<<0208096999230
9511039M3312315MEX<03<<03683<8
SILVA<RODRIGUEZ<<Yael<<<<<<<<<