



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

CERTIFICATE NO.: CQC23024407736

Valid from: Oct.13,2023

Valid until:long-term

NAME AND REGISTERED ADDRESS OF THE APPLICANT Zhejiang Sunpro Power Technology co., Ltd.
Qinggang Technological Ind.Zone 317606 Yuhuan.Zhejiang Province PEOPLE'S REPUBLIC OF CHINA

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER Zhejiang Sunpro Power Technology co., Ltd.
Qinggang Technological Ind.Zone 317606 Yuhuan.Zhejiang Province PEOPLE'S REPUBLIC OF CHINA

NAME AND LOCATION OF THE FACTORY Zhejiang Sunpro Power Technology co., Ltd.
Building 1, Sanmu Industrial Zone, Yuhuan Economic Development Zone, Zhejiang Province

PRODUCT NAME, MODEL AND SPECIFICATION Mono- Crystalline Silicon Photovoltaic Module
see the attachment

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS IEC61215-1:2016;IEC 61215-1-1:2016;IEC 61215-2:2016

TYPE OF CERTIFICATION SCHEMES Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC33-471541-2017.
The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body.

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

谢肇煦



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 1 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

组件型号	Voc [V]± 3%	Isc [A] ±3%	Vmp [V]	Imp [A]	Pmax [W]± 3%	系统电 压 [V]	额定电流 [A]
SP520-144M10	48.94	13.53	41.02	12.68	520	1500	25
SP525-144M10	49.11	13.61	41.21	12.74	525	1500	25
SP530-144M10	49.26	13.69	41.39	12.81	530	1500	25
SP535-144M10	49.42	13.76	41.54	12.88	535	1500	25
SP540-144M10	49.58	13.84	41.69	12.96	540	1500	25
SP545-144M10	49.74	13.92	41.83	13.03	545	1500	25
SP550-144M10	49.90	14.00	41.96	13.11	550	1500	25
SP480-132M10	44.97	13.58	37.81	12.7	480	1500	25
SP485-132M10	45.12	13.68	37.96	12.78	485	1500	25
SP490-132M10	45.27	13.76	38.11	12.86	490	1500	25
SP495-132M10	45.42	13.83	38.26	12.94	495	1500	25
SP500-132M10	45.57	13.90	38.41	13.02	500	1500	25
SP505-132M10	45.72	13.96	38.56	13.10	505	1500	25
SP435-120M10	40.80	13.55	34.07	12.77	435	1500	25

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 2 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SP440-120M10	41.10	13.60	34.32	12.83	440	1500	25
SP445-120M10	41.30	13.65	34.56	12.88	445	1500	25
SP450-120M10	41.50	13.70	34.81	12.93	450	1500	25
SP455-120M10	41.70	13.75	35.06	12.98	455	1500	25
SP460-120M10	41.90	13.80	35.31	13.03	460	1500	25
SP390-108M10	36.53	13.62	30.41	12.83	390	1500	25
SP395-108M10	36.73	13.69	30.62	12.90	395	1500	25
SP400-108M10	36.93	13.76	30.83	12.98	400	1500	25
SP405-108M10	37.13	13.83	31.04	13.05	405	1500	25
SP410-108M10	37.33	13.90	31.25	13.12	410	1500	25
SP415-108M10	37.53	13.97	31.47	13.19	415	1500	25
SP580-120M12	40.70	18.32	33.60	17.27	580	1500	30
SP585-120M12	40.9	18.37	33.80	17.31	585	1500	30
SP590-120M12	41.10	18.42	34.00	17.35	590	1500	30
SP595-120M12	41.30	18.47	34.20	17.40	595	1500	30
SP600-120M12	41.50	18.52	34.40	17.45	600	1500	30
SP605-120M12	41.70	18.57	34.60	17.49	605	1500	30

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 3 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SP530-110M12	37.09	18.32	30.8	17.22	530	1500	30
SP535-110M12	37.29	18.37	30.99	17.27	535	1500	30
SP540-110M12	37.49	18.42	31.19	17.32	540	1500	30
SP545-110M12	37.69	18.47	31.39	17.36	545	1500	30
SP550-110M12	37.89	18.52	31.59	17.41	550	1500	30
SP555-110M12	38.09	18.57	31.79	17.46	555	1500	30
SP635-132M12	44.64	18.32	36.75	17.28	635	1500	30
SP640-132M12	44.85	18.36	36.97	17.31	640	1500	30
SP645-132M12	45.06	18.40	37.18	17.35	645	1500	30
SP650-132M12	45.27	18.44	37.38	17.39	650	1500	30
SP655-132M12	45.48	18.48	37.58	17.43	655	1500	30
SP660-132M12	45.69	18.52	37.79	17.47	660	1500	30
SP665-132M12	45.91	18.56	38.01	17.50	665	1500	30
SP670-132M12	46.13	18.60	38.22	17.53	670	1500	30
SP545-N144M10	50.42	13.89	41.60	13.11	545	1500	25
SP550-N144M10	50.56	13.95	41.73	13.18	550	1500	25
SP555-N144M10	50.70	14.01	41.86	13.26	555	1500	25

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 4 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SP560-N144M10	50.84	14.07	41.99	13.34	560	1500	25
SP565-N144M10	50.98	14.13	42.13	13.41	565	1500	25
SP570-N144M10	51.13	14.20	42.26	13.49	570	1500	25
SP575-N144M10	51.28	14.27	42.41	13.56	575	1500	25
SP580-N144M10	51.43	14.34	42.56	13.63	580	1500	25
SP585-N144M10	51.58	14.41	42.72	13.70	585	1500	25
SP510-N132M10	46.53	14.01	38.45	13.29	510	1500	25
SP515-N132M10	46.71	14.08	38.55	13.36	515	1500	25
SP520-N132M10	46.87	14.16	38.64	13.46	520	1500	25
SP525-N132M10	47.03	14.24	38.75	13.55	525	1500	25
SP530-N132M10	47.19	14.32	38.86	13.64	530	1500	25
SP535-N132M10	47.35	14.40	38.97	13.73	535	1500	25
SP455-N120M10	42.10	13.83	34.76	13.09	455	1500	25
SP460-N120M10	42.24	13.94	34.88	13.19	460	1500	25
SP465-N120M10	42.38	14.03	34.99	13.29	465	1500	25
SP470-N120M10	42.52	14.12	35.11	13.39	470	1500	25
SP475-N120M10	42.66	14.20	35.24	13.48	475	1500	25

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 5 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SP480-N120M10	42.80	14.29	35.38	13.57	480	1500	25
SP485-N120M10	42.94	14.38	35.52	13.66	485	1500	25
SP490-N120M10	43.06	14.47	35.66	13.75	490	1500	25
SP410-N108M10	37.94	13.85	31.25	13.12	410	1500	25
SP415-N108M10	38.04	13.96	31.37	13.23	415	1500	25
SP420-N108M10	38.13	14.07	31.49	13.34	420	1500	25
SP425-N108M10	38.24	14.16	31.64	13.44	425	1500	25
SP430-N108M10	38.34	14.25	31.79	13.53	430	1500	25
SP435-N108M10	38.43	14.34	31.94	13.62	435	1500	25
SP440-N108M10	38.53	14.43	32.09	13.72	440	1500	25
SPDG520-144M10	48.94	13.53	41.02	12.68	520	1500	30
SPDG525-144M10	49.11	13.61	41.21	12.74	525	1500	30
SPDG530-144M10	49.26	13.69	41.39	12.81	530	1500	30
SPDG535-144M10	49.42	13.76	41.54	12.88	535	1500	30
SPDG540-144M10	49.58	13.84	41.69	12.96	540	1500	30
SPDG545-144M10	49.74	13.92	41.83	13.03	545	1500	30
SPDG550-144M10	49.90	14.00	41.96	13.11	550	1500	30

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 6 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SPDG480-132M10	44.97	13.58	37.81	12.70	480	1500	30
SPDG485-132M10	45.12	13.68	37.96	12.78	485	1500	30
SPDG490-132M10	45.27	13.76	38.11	12.86	490	1500	30
SPDG495-132M10	45.42	13.83	38.26	12.94	495	1500	30
SPDG500-132M10	45.57	13.90	38.41	13.02	500	1500	30
SPDG505-132M10	45.72	13.96	38.56	13.10	505	1500	30
SPDG435-120M10	40.80	13.55	34.07	12.77	435	1500	30
SPDG440-120M10	41.10	13.60	34.32	12.83	440	1500	30
SPDG445-120M10	41.30	13.65	34.56	12.88	445	1500	30
SPDG450-120M10	41.50	13.70	34.81	12.93	450	1500	30
SPDG455-120M10	41.70	13.75	35.06	12.98	455	1500	30
SPDG460-120M10	41.90	13.80	35.31	13.03	460	1500	30
SPDG390-108M10	36.53	13.62	30.41	12.83	390	1500	30
SPDG395-108M10	36.73	13.69	30.62	12.90	395	1500	30
SPDG400-108M10	36.93	13.76	30.83	12.98	400	1500	30
SPDG405-108M10	37.13	13.83	31.04	13.05	405	1500	30
SPDG410-108M10	37.33	13.90	31.25	13.12	410	1500	30

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 7 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SPDG415-108M10	37.53	13.97	31.47	13.19	415	1500	30
SPDG635-132M12	44.64	18.32	36.75	17.28	635	1500	35
SPDG640-132M12	44.85	18.36	36.97	17.31	640	1500	35
SPDG645-132M12	45.06	18.40	37.18	17.35	645	1500	35
SPDG650-132M12	45.27	18.44	37.38	17.39	650	1500	35
SPDG655-132M12	45.48	18.48	37.58	17.43	655	1500	35
SPDG660-132M12	45.69	18.52	37.79	17.47	660	1500	35
SPDG665-132M12	45.91	18.56	38.01	17.5	665	1500	35
SPDG670-132M12	46.13	18.6	38.22	17.53	670	1500	35
SPDG580-120M12	40.70	18.32	33.60	17.27	580	1500	35
SPDG585-120M12	40.90	18.37	33.80	17.31	585	1500	35
SPDG590-120M12	41.10	18.42	34.00	17.35	590	1500	35
SPDG595-120M12	41.30	18.47	34.20	17.4	595	1500	35
SPDG600-120M12	41.50	18.52	34.40	17.45	600	1500	35
SPDG605-120M12	41.70	18.57	34.60	17.49	605	1500	35
SPDG530-110M12	37.09	18.32	30.80	17.22	530	1500	35
SPDG535-110M12	37.29	18.37	30.99	17.27	535	1500	35

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 8 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SPDG540-110M12	37.49	18.42	31.19	17.32	540	1500	35
SPDG545-110M12	37.69	18.47	31.39	17.36	545	1500	35
SPDG550-110M12	37.89	18.52	31.59	17.41	550	1500	35
SPDG555-110M12	38.09	18.57	31.79	17.46	555	1500	35
SPDG545-N144M10	50.42	13.89	41.60	13.11	545	1500	30
SPDG550- N144M10	50.56	13.95	41.73	13.18	550	1500	30
SPDG555- N144M10	50.7	14.01	41.86	13.26	555	1500	30
SPDG560- N144M10	50.84	14.07	41.99	13.34	560	1500	30
SPDG565- N144M10	50.98	14.13	42.13	13.41	565	1500	30
SPDG570- N144M10	51.13	14.2	42.26	13.49	570	1500	30
SPDG575- N144M10	51.28	14.27	42.41	13.56	575	1500	30
SPDG580- N144M10	51.43	14.34	42.56	13.63	580	1500	30
SPDG510- N132M10	46.53	14.01	38.45	13.29	510	1500	30
SPDG515- N132M10	46.71	14.08	38.55	13.36	515	1500	30
SPDG520- N132M10	46.87	14.16	38.64	13.46	520	1500	30
SPDG525- N132M10	47.03	14.24	38.75	13.55	525	1500	30
SPDG530- N132M10	47.19	14.32	38.86	13.64	530	1500	30

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 9 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:

SPDG455- N120M10	42.1	13.83	34.76	13.09	455	1500	30
SPDG460- N120M10	42.24	13.94	34.88	13.19	460	1500	30
SPDG465- N120M10	42.38	14.03	34.99	13.29	465	1500	30
SPDG470- N120M10	42.52	14.12	35.11	13.39	470	1500	30
SPDG475- N120M10	42.66	14.2	35.24	13.48	475	1500	30
SPDG480- N120M10	42.8	14.29	35.38	13.57	480	1500	30
SPDG410- N108M10	37.94	13.85	31.25	13.12	410	1500	30
SPDG415- N108M10	38.04	13.96	31.37	13.23	415	1500	30
SPDG420- N108M10	38.13	14.07	31.49	13.34	420	1500	30
SPDG425- N108M10	38.24	14.16	31.64	13.44	425	1500	30
SPDG430- N108M10	38.34	14.25	31.79	13.53	430	1500	30
SPDG585- N144M10	51.58	14.41	42.72	13.7	585	1500	30
SPDG535- N132M10	47.35	14.4	38.97	13.73	535	1500	30
SPDG485- N120M10	42.94	14.38	35.52	13.66	485	1500	30
SPDG490- N120M10	43.06	14.47	35.66	13.75	490	1500	30
SPDG435- N108M10	38.43	14.34	31.94	13.62	435	1500	30
SPDG440- N108M10	38.53	14.43	32.09	13.72	440	1500	30

NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE OF PRODUCT CERTIFICATION

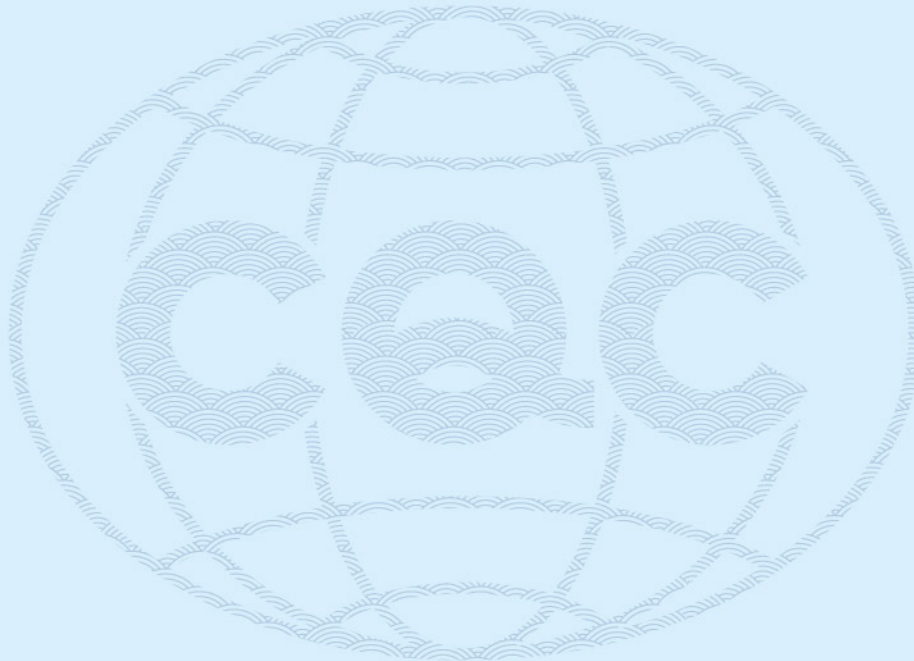
SOLAR PRODUCT CERTIFICATE

APPENDIX

Page 10 of 10

CERTIFICATE NO.: CQC23024407736

PAPER:



NOTE: This appendix is valid when used with the certificate.



CHINA QUALITY CERTIFICATION CENTRE