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17 NPEVMFT DBO HFOFSBUF FMFDUSJDJUZ VQPO FYQPTVSF UP MJHIU 5IF W
7%\$CVWIFU PUVBMM LDB EOFFE BOHFSR VHTXIZ ONPEVMFTB POOF DUPTHE WIOF BSSJ 5IFGPMMPXJOH
NVTU CF GVMMZ VOEFSTUPPE BOE PCFZFE XIFO IBOEMJOH UIF 17 NPEVMFT UP
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\$BSFGVMMZ SFBE UISPVHI UIFTF JOTUBMMBUJPO JOTUSVDUJPOT CFGPSF JOTUBMMJ
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R R w 4f —Bf7;_X5GÑØ ^ —w' í
17 ZTUFNT DBO QSPEVDF IJHI WPMUBHF BOE DVSSFOU XIJDI DPVME DBVTF TFSJPVT

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5IF JOTUBMMBUJPO PG 17 NPEVMFT TIPVME POMZ CF QFSGPSNFE CZ RVBMJGJFE QFS

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%FO PXFBISFUB MFXIDMIFZJ OTUB MFOUWV DUUWFSNJØ BUZIBSBOE TTFJOTVMUBRUFPSMFDUSJ
DBM DPOOÍFDUJPOT

À6šý³ NH¼ ÷ 8HÍ
%P OPU JOTUBMM 17 NPEVMFT BU XFU DPOEJUJPOT

ji 8H Š+Žyíi@ 8H 8&T ? [šú ¼; w.f í
%P OPU VTF EBNBHFE OPS EFGFDUJWF NPEVMFT &WFO EBNBHF PS EFGFDUJWF NPE
EBNBHFE PS EFGFDUJWF NPEVMFT DPWFSE UP BWPJE FYQPTVSF UP MJHIU

Äw8H&á& ; O8H 3kŽ.fŠl•;_3Qf" Kèfdí
\$POUBDU X.SUJDBMMZUBDUJWF QBSUT PG B 17 NPEVMF TVDI BT UFSNJOBMT DBO SFTV
XIFOFWFS UIF 17 NPEVMFT BSF DPOOFDUFE PS OPU

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/FWFS EJTBTTFNCF OPS CSFBL BOZ QBSU PG UIF 17 NPEVMF JODMVEJOH OBNFQME

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TUSJOH PG NPEVMFT 0QFSBUJPO TIPVME CF QFSGPSNFE POMZ CZ QSPGFTTJPOBM F

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/FWFS EJTDPOOFDU UIF 17 NPEVMF GSPN UIF JOWFSUFS XIFO UIF JOWFSUFS JT TUJ
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&OTVSFÐBOM DPOOFDUPST BSF BU QFSGFDU DPOEBOUJBOJOUTJPOJUJJOH TPJMJOH

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CF NVMUJQMJFE CZ B GBDUPS PG XIFO EFUFSNJOJOH DPNQPOFOU WPMUBHF SB
TJ[F PG DPOUSPMT DPOUFDQVFE UP UIF 17

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%POPTUBOETSUPOUIF7NPEVMFFHMTNBZCFMJQBOSEZIFSBSJPLGOKV\$ZMFDUISDLSMBTT
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8FBS TVJUBCMF HMPWFT TVDI BTBMEBOHFSOHMIFWQFBMXJ BDE GJOHFS BSFBT

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_ JT SFDPNNFOEFE GPS NPEVMF JOTUBMMBUJPO

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OBŠBM FOWJSPONFOU DPOEJUJPO TIPVME CF GVMMZ DPOTJEFSFE UP OPU UP FYDF
TOPX TIPVME CF SFNPWFE JO UJNF UP QSFWFOU DBVTJOH BOZ EBNBHF UP UIF 17 NF

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LN BXBZ GSPN TFB TJEF JT SFDPNNFOEFE

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CZ RVBMJGJFE FOHJOFFS DPOGPSUNSDHUWPOBMMF SIF SIFDVBWUW EDXPTOTSFHVMBUJPO
TIPVME CF BQQSPWFE CZ SFMFWBOU BVUIPSJUJFT

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5IF17NPEVMFIPVMEENPVOUPPEVQQPSTUWSCDUVSIFSPNQPOPGU¶7TZTU FNPMDEPIBWBOZ
VOEFTJSBCMF NFDIBOJDBM PS FMFDNŠEDBM JOGMVFODF PO UIF 17

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U V S F S D B O D I P P T F U I F T V J U B C M B D N F S L E F S J B M T U I F P X G B F S T V S G B D F J O T U B M M B U J P O D P

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线缆要求 Cable standard	测试标准 Test standard	线缆规格 Cable Size	温度范围 Temperature Rating
	EN50618	Min 4mm²	- 40°C to +90°C

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Ground hole Ground mark

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Ground hole on the module frame

Grounding by cable

Grounding by lugs

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SK8612MDGDC-XXX(166-9BB)	425-450	2132*1048*35	A/B
SK8610MDGDC-XXX(166-9BB)	355-375	1791*1048*30	A/B
SK6612MDGDC-XXX(158-9BB)	400-425	2030*1010*30	A/B
SK6610MDGDC-XXX(158-9BB)	340-350	1714*1010*30	A/B
SK6612HDGDC-XXX(156-9BB)	410-420	2030*1010*30	A/B
SK6612HDGDC-XXX(158-9BB)	420-440	2030*1010*30	A/B
SK6610HDGDC-XXX(158-9BB)	350-365	1714*1010*30	A/B
SK8612HDGDC-XXX(166-9BB)	450-475	2132*1048*35	A/B
SK8611HDGDC-XXX(166-9BB)	410-435	1940*1048*35	A/B
SK8610HDGDC-XXX(166-9BB)	375-395	1791*1048*35	A/B

SK8612MDGDC-166-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
425	Front	425	40.21	10.57	48.50	11.16	20
	Back	300	40.49	7.40	46.58	7.83	
430	Front	430	40.49	10.62	48.70	11.20	20
	Back	303	40.77	7.44	46.78	7.86	
435	Front	435	40.77	10.67	48.90	11.24	20
	Back	307	41.05	7.47	46.98	7.88	
440	Front	440	41.05	10.72	49.10	11.28	20
	Back	310	41.32	7.51	47.18	7.91	
445	Front	445	41.32	10.77	49.30	11.32	20
	Back	314	41.59	7.54	47.38	7.94	
450	Front	450	41.59	10.82	49.50	11.36	20
	Back	315	41.59	7.58	47.58	7.97	

SK8610MDGDC-166-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
355	Front	355	33.62	10.56	40.40	11.10	20
	Back	252	34.02	7.40	38.48	7.78	
360	Front	360	33.90	10.62	40.70	11.16	20
	Back	255	34.30	7.44	38.78	7.83	
365	Front	365	34.18	10.68	41.00	11.22	20
	Back	259	34.58	7.48	39.08	7.87	
370	Front	370	34.46	10.74	41.30	11.28	20
	Back	262	34.86	7.52	39.38	7.91	
375	Front	375	34.73	10.80	41.60	11.34	20
	Back	266	35.13	7.56	39.68	7.95	

SK6612MDGDC-158-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
400	Front	400	40.66	9.84	48.64	10.30	20
	Back	281	40.82	6.89	47.21	7.22	
405	Front	405	40.87	9.91	48.82	10.38	20
	Back	285	41.08	6.94	47.39	7.28	
410	Front	410	41.09	9.98	49.01	10.46	20
	Back	289	41.30	6.99	47.58	7.33	
415	Front	415	41.30	10.05	49.19	10.54	20
	Back	292	41.51	7.04	47.75	7.39	
420	Front	420	41.51	10.12	49.37	10.62	20
	Back	296	41.72	7.09	47.93	7.45	
425	Front	425	41.71	10.19	49.55	10.70	20
	Back	299	41.91	7.14	48.11	7.50	

SK6610MDGDC-158-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
340	Front	340	34.42	9.88	41.02	10.39	20
	Back	241	34.89	6.92	39.79	7.29	
345	Front	345	34.71	9.94	41.22	10.44	20
	Back	245	35.18	6.96	39.99	7.32	
350	Front	350	35.04	9.99	41.44	10.48	20
	Back	248	35.51	7.00	40.21	7.35	



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SK6612HDGDC-XXX(156-9BB)							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
410	Front	410	44.81	9.15	53.35	9.75	20
	Back	352	45.23	7.78	52.91	8.34	
415	Front	415	45.11	9.20	53.65	9.80	20
	Back	356	45.53	7.82	53.21	8.38	
420	Front	420	45.41	9.25	53.95	9.85	20
	Back	360	45.83	7.86	53.51	8.42	

SK6612HDGDC-XXX(158-9BB)							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
420	Front	420	44.88	9.36	53.40	9.97	20
	Back	339	45.30	7.49	52.96	8.03	
425	Front	425	45.17	9.41	53.70	10.03	20
	Back	343	45.59	7.53	53.26	8.07	
430	Front	430	45.46	9.46	54.00	10.08	20
	Back	347	45.88	7.57	53.56	8.11	
435	Front	435	45.75	9.51	54.30	10.13	20
	Back	351	46.17	7.61	53.86	8.15	
440	Front	440	46.04	9.56	54.60	10.18	20
	Back	355	46.46	7.65	54.16	8.19	

SK6610HDGDC-XXX(158-9BB)							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
350	Front	350	37.20	9.41	44.20	10.10	20
	Back	283	37.62	7.53	43.76	8.13	
355	Front	355	37.50	9.47	44.50	10.15	20
	Back	287	37.92	7.58	44.06	8.17	
360	Front	360	37.80	9.53	44.80	10.21	20
	Back	291	38.22	7.62	44.36	8.22	
365	Front	365	38.11	9.58	45.10	10.26	20
	Back	295	38.53	7.66	44.66	8.26	

SK8612HDGDC-166-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
450	Front	450	44.90	10.02	52.75	10.86	20
	Back	363	45.32	8.02	52.31	8.74	
455	Front	455	45.10	10.09	53.05	10.90	20
	Back	367	45.52	8.07	52.61	8.77	
460	Front	460	45.30	10.15	53.35	10.94	20
	Back	371	45.72	8.12	52.91	8.81	
465	Front	465	45.50	10.22	53.65	10.98	20
	Back	375	45.92	8.18	53.21	8.84	
470	Front	470	45.70	10.28	53.95	11.02	20
	Back	379	46.12	8.23	53.51	8.87	
475	Front	475	45.90	10.35	54.25	11.06	20
	Back	383	46.32	8.28	53.81	8.90	

SK8611HDGDC-166-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
410	Front	410	41.07	9.99	48.27	10.81	20
	Back	332	41.49	7.99	47.83	8.70	
415	Front	415	41.27	10.06	48.56	10.86	20
	Back	336	41.69	8.05	48.12	8.74	
420	Front	420	41.47	10.13	48.85	10.91	20
	Back	339	41.89	8.10	48.41	8.78	
425	Front	425	41.67	10.20	49.14	10.96	20
	Back	343	42.09	8.16	48.70	8.82	
430	Front	430	41.87	10.27	49.43	11.01	20
	Back	347	42.29	8.22	48.99	8.86	
435	Front	435	42.07	10.34	49.72	11.06	20
	Back	351	42.49	8.27	49.28	8.90	

SK8610HDGDC-166-9BB							
Power Range Pm(W)	Test Condition	Max. Power (W)	Max. Power Voltage Vmp(V)	Max. Power Current Imp(A)	Open Circuit Voltage Voc(V)	Short Circuit Current Isc(A)	Max. Fuse Rating(A)
375	Front	375	37.47	10.01	44.20	10.78	20
	Back	303	37.89	8.01	43.76	8.68	
380	Front	380	37.67	10.09	44.45	10.85	20
	Back	307	38.09	8.07	44.01	8.73	
385	Front	385	37.86	10.17	44.70	10.92	20
	Back	311	38.28	8.14	44.26	8.79	
390	Front	390	38.05	10.25	44.95	10.99	20
	Back	315	38.47	8.20	44.51	8.85	
395	Front	395	38.24	10.33	45.20	11.06	20
	Back	319	38.66	8.26	44.76	8.90	