

QIIA.E364743 - Photovoltaic Modules and Panels with System Voltage Ratings Over 600 Volts

Photovoltaic Modules and Panels with System Voltage Ratings Over 600 Volts

Mission Solar Energy LLC
8303 S New Braunfels Ave
San Antonio, TX 78235 United States

E364743

Electrical Rating

Cat. No.	I _{sc}	V _{oc}	P _{max}	Max System V _{dc}	Fire Class	# Module Fire Performance Type Rating
Photovoltaic module						
MSE290SB1YZ	8.72	44.5	290	1000	C	2
MSE295SB1YZ	8.79	44.8	295	1000	C	2
MSE300SB1YZ	8.86	45.2	300	1000	C	2
MSE305SB1YZ	8.94	45.6	305	1000	C	2
MSE290SB1YZ	8.72	44.5	290	1000	C	2
MSE310SB1YZ	9.01	45.9	310	1000	C	2
MSE315SB1YZ	9.08	46.3	315	1000	C	2
MSE320SB1YZ	9.15	46.7	320	1000	C	2
MSE325SB1YZ	9.23	47.0	325	1000	C	2
MSE330SB1YZ	9.30	47.4	330	1000	C	2
MSE335SB1YZ	9.32	47.6	335	1000	C	2
MSE290SB1GZ	8.61	44.38	290	1000	C	2
MSE295SB1GZ	8.68	44.78	295	1000	C	2
MSE300SB1GZ	8.76	45.18	300	1000	C	2
MSE305SB1GZ	8.83	45.48	305	1000	C	2
MSE310SB1GZ	8.90	45.88	310	1000	C	2
MSE315SB1GZ	8.97	46.27	315	1000	C	2

MSE320SB1GZ	9.05	46.57	320	1000	C	2
MSE325SB1GZ	9.11	46.97	325	1000	C	2

Electrical Rating

Cat. No.	I _{sc}	V _{oc}	P _{max}	Max System V dc	Fire Class	# Module Fire Performance Type Rating
Photovoltaic module						
MSE300MC1YZ	8.78	44.5	300	1000	C	2
MSE305MC1YZ	8.74	44.7	305	1000	C	2
MSE310MC1YZ	9.08	44.9	310	1000	C	2
MSE315MC1YZ	9.18	45.1	315	1000	C	2
MSE320MC1YZ	9.26	45.3	320	1000	C	2
MSE325MC1YZ	9.32	45.7	325	1000	C	2
MSE290SE1YZ	8.84	44.60	290	1000	C	2
MSE295SE1YZ	8.87	44.80	295	1000	C	2
MSE300SE1YZ	8.90	45.20	300	1000	C	2
MSE305SE1YZ	8.93	45.60	305	1000	C	2
MSE310SE1YZ	8.96	45.60	310	1000	C	2
MSE315SE1YZ	8.99	45.80	315	1000	C	2
MSE320SE1YZ	9.12	45.90	320	1000	C	2
MSE325SE1YZ	9.13	46.10	325	1000	C	2
MSE330SE1YZ	9.14	46.11	330	1000	C	2
MSE335SE1YZ	9.15	46.40	335	1000	C	2

- Optional Marking.

Y can be A, G, J, or P, denoting substrate color, frame type, superstrate glass thickness.

Z can be blank or 1 which denotes Korean manufacturing location.

Electrical Rating

Cat. No.	I _{sc}	V _{oc}	P _{max}	Max System V dc	Module Fire Performance Type Rating
Photovoltaic module - 72 cells					

MSE355SQ7S	9.62	47.94	355	1000	1
MSE360SQ7S	9.66	47.83	360	1000	1
MSE365SQ7S	9.70	48.05	365	1000	1
MSE370SQ7S	9.76	48.08	370	1000	1
MSE375SQ7S	9.82	48.16	375	1000	1
MSE380SQ7S	9.90	48.17	380	1000	1
MSE385SQ7S	9.94	48.24	385	1000	1
MSE355SQ9S	9.62	47.44	355	1500	1
MSE360SQ9S	9.66	47.83	360	1500	1
MSE365SQ9S	9.70	48.05	365	1500	1
MSE370SQ9S	9.76	48.08	370	1500	1
MSE375SQ9S	9.82	48.16	375	1500	1
MSE380SQ9S	9.90	48.17	380	1500	1
MSE385SQ9S	9.94	48.24	385	1500	1
MSE330SO9J	9.32	45.85	330	1500	1
MSE335SO9J	9.41	46.05	335	1500	1
MSE340SO9J	9.50	46.21	340	1500	1
MSE345SO9J	9.58	46.47	345	1500	1
MSE350SO9J	9.68	46.69	350	1500	1
MSE330SO7J	9.32	45.85	330	1000	1
MSE335SO7J	9.41	46.05	335	1000	1
MSE340SO7J	9.50	46.21	340	1000	1
MSE345SO7J	9.58	46.47	345	1000	1
MSE350SO7J	9.68	46.69	350	1000	1
MSE375SR9S	9.93	48.02	375	1500	1
MSE380SR9S	9.96	48.31	380	1500	1
MSE385SR9S	9.99	48.53	385	1500	1
MSE390SR9S	10.02	48.96	390	1500	1
MSE395SR9S	10.04	49.28	395	1500	1
MSE400SR9S	10.06	49.46	400	1500	1
MSE375SR7S	9.93	48.02	375	1500	1

MSE380SR7S	9.96	48.31	380	1500	1
MSE385SR7S	9.99	48.53	385	1500	1
MSE390SR7S	10.02	48.96	390	1500	1
MSE395SR7S	10.04	49.28	395	1500	1
MSE400SR7S	10.06	49.46	400	1500	1
Photovoltaic module - 60 cells					
MSE285SQ8T	9.36	39.69	285	1000	1
MSE290SQ8T	9.42	39.91	290	1000	1
MSE295SQ8T	9.48	40.07	295	1000	1
MSE300SQ8T	9.57	40.08	300	1000	1
MSE305SQ8T	9.66	40.10	305	1000	1
MSE310SQ8T	9.76	40.12	310	1000	1
MSE290SQ8K	9.56	39.00	290	1000	1
MSE295SQ8K	9.57	39.24	295	1000	1
MSE300SQ8K	9.65	39.66	300	1000	1
MSE305SQ8K	9.72	39.96	305	1000	1
MSE310SQ8K	9.81	40.09	310	1000	1
MSE315SQ8K	9.91	40.13	315	1000	1
MSE320SQ8K	9.59	40.22	320	1000	1
MSE325SQ8K	9.73	40.25	325	1000	1
MSE310SR8T	9.96	40.14	310	1000	1
MSE315SR8T	9.99	40.44	315	1000	1
MSE320SR8T	10.02	40.80	320	1000	1
MSE325SR8T	10.06	41.14	325	1000	1
MSE330SR8T	10.09	41.36	330	1000	1
MSE315SR8K	9.96	40.14	315	1000	1
MSE320SR8K	9.98	40.38	320	1000	1
MSE325SR8K	10.02	40.80	325	1000	1
MSE330SR8K	10.04	41.06	330	1000	1
MSE335SR8K	10.09	41.36	335	1000	1

Cat. No.	Electrical and Module Fire Class and Type Ratings					Module Fire Class	Module Fire Performance Type Rating
	I _{sc}	V _{oc}	P _{max}	Max System V _{dc}	Series Fuse Rating (A)		
Photovoltaic module							
MSE60A290	9.62	39.77	290	1000	20	N/A	N/A
MSE60A295	9.77	40.11	295	1000	20	N/A	N/A
MSE60A300	9.91	40.45	300	1000	20	N/A	N/A
MSE60A305	10.06	40.79	305	1000	20	N/A	N/A
MSE60A310	10.21	41.14	310	1000	20	N/A	N/A
MSE60A315	10.37	41.49	315	1000	20	N/A	N/A
MSE380V72H	10.01	47.80	380	1500	20	C	1
MSE385V72H	10.08	48.00	385	1500	20	C	1
MSE390V72H	10.48	48.18	390	1500	20	C	1
MSE395V72H	10.56	48.37	395	1500	20	C	1
MSE400V72H	10.64	48.55	400	1500	20	C	1
MSE405V72H	10.71	48.73	405	1500	20	C	1
MSE410V72H	10.79	48.91	410	1500	20	C	1


Electrical Rating

Cat. No.	I _{sc}	V _{oc}	P _{max}	Max System V _{dc}	Max Series Fuse Rating	Fire Type Rating
Photovoltaic module						
MSE290V60H-1.5	9.59	38.87	290	1500	20	1
MSE295V60H-1.5	9.68	39.05	295	1500	20	1
MSE300V60H-1.5	9.77	39.23	300	1500	20	1
MSE305V60H-1.5	9.86	39.42	305	1500	20	1
MSE310V60H-1.5	9.95	39.58	310	1500	20	1
MSE315V60H-1.5	10.04	39.74	315	1500	20	1
MSE320V60H-1.5	10.13	39.92	320	1500	20	1
MSE325V60H-1.5	10.43	40.1	325	1500	20	1
MSE330V60H-1.5	10.51	40.27	330	1500	20	1

MSE335V60H-1.5	10.6	40.44	335	1500	20	1
MSE340V60H-1.5	10.69	40.62	340	1500	20	1
MSE290V60H-1.0	9.59	38.87	290	1000	20	1
MSE295V60H-1.0	9.68	39.05	295	1000	20	1
MSE300V60H-1.0	9.77	39.23	300	1000	20	1
MSE305V60H-1.0	9.86	39.42	305	1000	20	1
MSE310V60H-1.0	9.95	39.58	310	1000	20	1
MSE315V60H-1.0	10.04	39.74	315	1000	20	1
MSE320V60H-1.0	10.13	39.92	320	1000	20	1
MSE325V60H-1.0	10.43	40.1	325	1000	20	1
MSE330V60H-1.0	10.51	40.27	330	1000	20	1
MSE335V60H-1.0	10.6	40.44	335	1000	20	1
MSE340V60H-1.0	10.69	40.62	340	1000	20	1

Cat. No.	Electrical and Module Fire Class and Type Ratings							
	Isc +3% tolerance	Voc +3% tolerance	Pmax +3% tolerance	Max System V dc	Series Fuse Rating (A)	Module Fire Class	Module Fire Performance Type Rating	Application Class*
UL 61730 Listed Photovoltaic modules								
72 Cell Modules								
MSE405SX6S	10.89	48.56	405	1500	20	N/A	1	II
MSE410SX6S	10.93	48.71	410	1500	20	N/A	1	II
MSE415SX6S	10.99	48.92	415	1500	20	N/A	1	II
MSE420SX6S	11.05	49.14	420	1500	20	N/A	1	II
MSE425SX6S	11.09	49.28	425	1500	20	N/A	1	II
MSE405SX6W	10.89	48.56	405	1500	20	N/A	1	II
MSE410SX6W	10.93	48.71	410	1500	20	N/A	1	II
MSE415SX6W	10.99	48.92	415	1500	20	N/A	1	II
MSE420SX6W	11.05	49.14	420	1500	20	N/A	1	II
MSE425SX6W	11.09	49.28	425	1500	20	N/A	1	II
MSE405SX6Z	10.81	48.55	405	1500	20	N/A	1	II

MSE410SX6Z	10.85	48.70	410	1500	20	N/A	1	II
MSE415SX6Z	10.91	48.91	415	1500	20	N/A	1	II
MSE420SX6Z	10.97	49.13	420	1500	20	N/A	1	II
MSE425SX6Z	10.01	49.27	425	1500	20	N/A	1	II
66 Cell Modules								
MSE375SX5R	10.85	44.64	375	1000	20	N/A	1	II
MSE380SX5R	10.91	44.84	380	1000	20	N/A	1	II
MSE385SX5R	10.97	45.03	385	1000	20	N/A	1	II
MSE390SX5R	11.01	45.17	390	1000	20	N/A	1	II
60 Cell Modules								
MSE335SX5K	10.85	40.35	335	1000	20	N/A	1	II
MSE340SX5K	10.91	40.53	340	1000	20	N/A	1	II
MSE345SX5K	10.97	40.71	345	1000	20	N/A	1	II
MSE350SX5K	11.05	40.95	350	1000	20	N/A	1	II
MSE355SX5K	11.10	40.99	355	1000	20	N/A	1	II
MSE330SX5T	10.72	40.4	330	1000	20	N/A	1	II
MSE335SX5T	10.78	40.58	335	1000	20	N/A	1	II
MSE340SX5T	10.86	40.82	340	1000	20	N/A	1	II
MSE345SX5T	10.92	41	345	1000	20	N/A	1	II
MSE350SX5T	10.97	41.18	350	1000	20	N/A	1	II

Trademark and/or Tradename:  MISSION SOLAR ENERGY

Last Updated on 2021-04-28

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"