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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

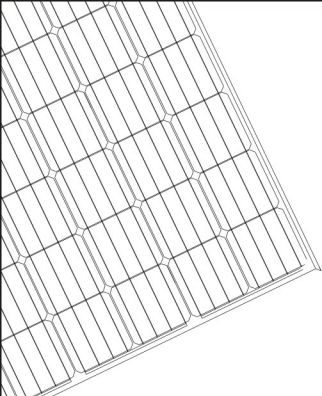
**Luo Yang Winners Solar Technology Co., Ltd**

**HSM5-385M**

**HSM30M156**

Also available on the web at

[EnergyPal.com/luo-yang-winners-solar-technology-co-ltd-solar-panels/hsm30m156](http://EnergyPal.com/luo-yang-winners-solar-technology-co-ltd-solar-panels/hsm30m156)



THE Mustang MODULE  
**HSM5-385M**  
 Mono 5~385W



ISO 9001:2015、ISO 14001:2015、OHSAS 18001:2007 Factory certification

## Module Characteristics



**Positive allowance assurance:**  
 guaranteed power output (0~5%)



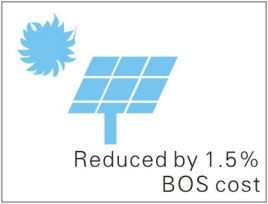
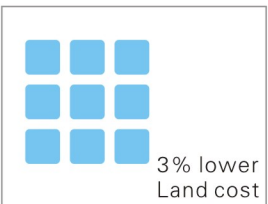
**Strict quality control:**  
 All modules undergo Electroluminescent test, 1500V insulation test and electrical performance test



**High quality raw material:**  
 Sleek appearance  
 Available with black frame



**Reliable performance:**  
 Anti-reflective glass coating and advanced cell surface texturing ensures better capture of direct and indirect light  
 Lower temperature coefficient in hot environment produces higher output



Higher conversion efficiency reduces system cost per watt



Note: Read safety and installation instructions before using the product.  
 If the specifications of this data sheet are changed, the actual product shall prevail.

# Mono Crystalline Solar Panels

Parameter Type	Max power (W)	Dimension (mm)	Arrangement	Cells	Eff	Module Eff	Vmp(V)	Imp(A)	Voc(V)	Isc(A)	Weight(KG)
HSM385M156	385	1956*992*40	6*12	0.2189	0.195	39.62	9.76	48.2	10.31	22	
HSM380M156	380	1956*992*40	6*12	0.216	0.193	39.45	9.65	48.1	10.21	22	
HSM375M156	375	1956*992*40	6*12	0.2132	0.1912	39.36	9.53	47.96	10.09	22	
HSM370M156	370	1956*992*40	6*12	0.2103	0.1906	39.32	9.42	47.78	9.92	22	
HSM365M156	365	1956*992*40	6*12	0.2074	0.1881	39.12	9.35	47.76	9.85	22	
HSM360M156	360	1956*992*40	6*12	0.2046	0.1855	39	9.24	47.7	9.71	22	
HSM355M156	355	1956*992*40	6*12	0.2012	0.1829	38.65	9.22	47.65	9.71	22	
HSM350M156	350	1956*992*40	6*12	0.1989	0.1803	38.06	9.21	46.45	9.71	22	
HSM345M156	345	1956*992*40	6*12	0.1961	0.1778	38.05	9.11	46.4	9.62	22	
HSM340M156	340	1956*992*40	6*12	0.1932	0.1752	37.9	8.97	46.54	9.55	22	
HSM335M156	335	1956*992*40	6*12	0.1904	0.1726	37.41	8.96	46.35	9.5	22	
HSM330M156	330	1956*992*40	6*12	0.1875	0.17	37.2	8.86	46.25	9.46	22	
HSM320M156	320	1640*992*35	6*10	0.2183	0.1966	33.4	9.75	40.96	10.25	18.5	
HSM315M156	315	1640*992*35	6*10	0.2149	0.1936	33.2	9.5	40.8	9.96	18.5	
HSM310M156	310	1640*992*35	6*10	0.2115	0.1905	32.99	9.46	40.22	9.92	18.5	
HSM305M156	305	1640*992*35	6*10	0.208	0.1874	32.9	9.28	40	9.85	18.5	
HSM300M156	300	1640*992*35	6*10	0.2046	0.1844	32.4	9.18	39.74	9.73	18.5	
HSM295M156	295	1640*992*35	6*10	0.2012	0.1813	32.5	9.08	39.6	9.68	18.5	
HSM290M156	290	1640*992*35	6*10	0.1978	0.1782	32.25	9.01	39.5	9.55	18.5	
HSM285M156	285	1640*992*35	6*10	0.1944	0.1751	32	8.92	39.3	9.44	18.5	
HSM280M156	280	1640*992*35	6*10	0.191	0.1721	31.6	8.9	39.28	9.42	18.5	
HSM275M156	275	1640*992*35	6*10	0.1875	0.169	31.42	8.72	39.07	9.4	18.5	
HSM270M156	270	1640*992*35	6*10	0.1841	0.1659	31.2	8.68	38.96	9.31	18.5	
HSM250M156	250	1640*992*35	6*10	0.166	0.157	30.5	8.37	38.1	8.88	18.5	
HSM215M125	215	1580*808*35	6*12	0.1928	0.1684	37.4	5.75	45.82	6.3	15	
HSM210M125	210	1580*808*35	6*12	0.1883	0.1645	37.2	5.65	45.57	6.19	15	
HSM205M125	205	1580*808*35	6*12	0.1838	0.1605	37	5.55	45.33	6.08	15	
HSM200M125	200	1580*808*35	6*12	0.1794	0.1566	36.8	5.44	45.08	5.96	15	
HSM190M156	190	1482*676*35	4*9	0.2161	0.1915	19.78	9.61	24.23	10.52	11	
HSM185M156	185	1482*676*35	4*9	0.2103	0.1865	19.68	9.41	24.11	10.3	11	
HSM180M156	180	1482*676*35	4*9	0.2046	0.1814	19.47	9.25	23.85	10.13	11	
HSM175M156	175	1482*676*35	4*9	0.1989	0.1764	19.38	9.03	23.74	9.89	11	
HSM170M156	170	1482*676*35	4*9	0.1932	0.1713	19.33	8.8	23.68	9.64	11	
HSM165M156	165	1482*676*35	4*9	0.1875	0.1663	19.2	8.6	23.52	9.42	11	
HSM160M156	160	1482*676*35	4*9	0.1819	0.1613	18.44	8.68	22.59	9.5	11	
HSM155M156	155	1482*676*35	4*9	0.1762	0.1562	18.3	8.47	22.42	9.27	11	
HSM150M156	150	1482*676*35	4*9	0.1705	0.1512	18.2	8.25	22.3	9.03	11	
HSM150M156	145	1250*668*35	4*9	0.1978	0.1736	19.35	7.5	23.7	8.21	9.5	
HSM125M156	125	1130*668*35	4*9	0.1894	0.1655	18.65	6.71	22.85	7.35	8.5	
HSM120M156	120	1130*668*35	4*9	0.1819	0.1589	18.3	6.56	22.42	7.18	8.5	
HSM115M156	115	1015*668*35	4*9	0.1961	0.1696	19.04	6.04	23.32	6.61	8	
HSM110M156	110	1015*668*35	4*9	0.1875	0.1622	18.7	5.89	22.91	6.45	8	
HSM110M156	110	1216*556*35	4*9	0.1973	0.1666	18.5	5.95	22.66	6.52	9	
HSM105M156	105	1216*556*35	4*9	0.1883	0.159	18.4	5.71	22.54	6.25	9	
HSM100M156	100	1216*556*35	4*9	0.1794	0.1377	18.3	5.47	22.42	5.99	9	
HSM90M56	90	780*668*35	4*9	0.2046	0.1727	19.64	4.59	24.06	5.03	6.1	
HSM85M156	85	780*668*35	4*9	0.1932	0.1631	19.2	4.43	23.52	4.85	6.1	
HSM80M156	80	780*668*35	4*9	0.1819	0.1535	18.4	4.35	22.54	4.76	6.1	
HSM70M156	70	640*668*28	4*9	0.1989	0.1637	19.11	3.67	23.41	4.02	4.8	
HSM65M156	65	640*668*28	4*9	0.1847	0.152	18.6	3.5	22.79	3.83	4.8	
HSM60M156	60	640*668*28	4*9	0.1696	0.1403	18.35	3.27	22.48	3.58	4.8	
HSM55M156	55	545*668*28	4*9	0.1875	0.151	18.77	2.94	22.99	3.22	4	
HSM50M156	50	630*550*28	4*9	0.1794	0.1443	18.45	2.72	22.6	2.98	4.2	
HSM45M156	45	630*668*28	4*9	0.1614	0.1298	18.25	2.47	22.36	2.7	4.2	
HSM40M156	35	655*350*28	2*18	0.1989	0.1526	18.58	1.89	22.76	2.07	2.8	
HSM30M156	30	560*350*28	2*18	0.2046	0.153	18.67	1.61	22.87	1.76	2.2	
HSM25M156	25	500*350*28	2*18	0.1989	0.1428	18.53	1.35	22.7	1.48	2	
HSM20M156	20	440*350*28	2*18	0.1819	0.1393	18.46	1.09	22.61	1.19	1.9	
HSM15M156	15	350*350*18	4*9	0.1706	0.1214	18.51	0.82	22.67	0.9	1.7	
HSM10M156	10	245*350*18	4*9	0.1819	0.1166	18.47	0.55	22.63	0.6	1.2	
HSM5M156	5	245*190*18	4*9	0.1819	0.1074	18.31	0.28	22.43	0.31	0.7	

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