


SUNBLAZE 3-130 | SUNBLAZE 3-130 BLACK | SUNBLAZE 3-130 CLEAR

 Multi-cell Series

 Poly Crystalline Solar PV Module

 3-130 Watt



AR coated glass to ensure higher transmission efficiency



High cell efficiency for more power output per sq. meter



Positive power output tolerance





Easy installation & low breakage rate





Excellent performance under low light conditions

WHY SE PROJECT?


 Fully automated state-of-the-art manufacturing facility

 Dedicated sales & service network with 40 years of market excellence & leadership


 Fully air-conditioned, dust free environment


 Stringent quality control measures & In-House testing

APPLICATIONS


 Out door media, billboards and signage

 Telecommunication towers applications


 Rural electrification and standalone systems for home


 Defense and Offshore applications


 Street lighting applications and Portable solar products


 Solar water pumping systems


QUALITY & SAFETY

 25 Years of linear output power

 PID resistant cells & encapsulants

 Certified for salt mist corrosion resistance

 Certified to withstand harsh Environmental Conditions

 100% EL inspected to ensure micro crack free modules



RoHS





TECHNICAL DATA



SERIES : SUNBLAZE 36 P XXX (XXX = 3 TO 130)

TYPE: BBS P 3- P 130 | 3~130 Watt

Type	SUNBLAZE3		SUNBLAZE5		SUNBLAZE10		SUNBLAZE12		SUNBLAZE15		SUNBLAZE20	
	BBS P 3 (6V)	BBS P 3 (12V)	BBS P 5 (6V)	BBS P 5 (12V)	BBS P 8	BBS P 10	BBS P 12	BBS P 15	BBS P 18	BBS P 20		
Power max in watts (nominal)	3	3	5	5	8	10	12	15	18	20		
Open circuit voltage (Voc) V	10	21	10	21	21	21	21	21	21	21		
Short circuit current (Isc) A	0.38	0.21	0.61	0.33	0.5	0.63	0.74	0.96	1.09	1.2		
Voltage at maximum power (Vmp) V	8.83	17	8.83	17	17	17	17	17	17	17		
Current at maximum power (Imp) A	0.34	0.18	0.57	0.3	0.48	0.59	0.71	0.88	1.06	1.18		
Maximum system voltage	600V	600V	600V	600V	600V	600V	600V	600V	600V	600V		
Max. Rated Current Series (Fuse Rating)	6A	6A	6A	6A	6A	6A	6A	6A	6A	6A		
No's of Solar cell per module	18	36	18	36	36	36	36	36	36	36		
Length x width x Height (LxWxH) in mm	176 x 188x 22	255 x 188 x 22	260 x 188 x 22	290 x 188 x 22	260 x 348 x 22	260 x 348 x 22	325 x 350 x 22	395 x 348 x 22	485 x 348x 22	485 x 348x 22		
Junction box type with cable and connectors	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode	2 Terminal w/o Diode		
Junction box protection rating	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65		

Type	SUNBLAZE30		SUNBLAZE40		SUNBLAZE50		SUNBLAZE60		SUNBLAZE80	
	BBS P 25	BBS P 30	BBS P 35	BBS P 37	BBS P 40	BBS P 45	BBS P 50	BBS P 55	BBS P 60	BBS P 70
Power max in watts (nominal)	25	30	35	37	40	45	50	55	60	70
Open circuit voltage (Voc) V	21	21	21	21	21	22	22	22	22	22
Short circuit current (Isc) A	1.53	2	2.28	2.3	2.54	3	3.15	3.36	3.62	4.10
Voltage at maximum power (Vmp) V	17	17	17	17	17	18	18	18	18	18
Current at maximum power (Imp) A	1.48	1.77	2.06	2.18	2.36	2.5	2.78	3.06	3.33	3.89
Maximum system voltage	600V	600V	600V	600V	600V	1000V	1000V	1000V	1000V	1000V
Max. Rated Current Series (Fuse Rating)	6A	6A	6A	6A	6A	6A	6A	6A	6A	12A
No's of Solar cell per module	36	36	36	36	36	36	36	36	36	36
Length x width x Height (LxWxH) in mm	355 x 666 x 22	355 x 666 x 22	475 x 670 x 35	475 x 670 x 35	475 x 670 x 35	540 x 666 x 34	540 x 666 x 34	650 x 666 x 34	650 x 666 x 34	775 x 666 x 34
Junction box type with cable and connectors	2 Terminal w/o Diode	2 Terminal w/o Diode	3T2D	3T2D	3T2D	3T2D	3T2D	3T2D	3T2D	3T2D
Junction box protection rating	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65

Type	SUNBLAZE80		SUNBLAZE100		SUNBLAZE120		SUNBLAZE130	
	BBS P 74	BBS P 75	BBS P 80	BBS P 90	BBS P 100	BBS P 110	BBS P 115	BBS P 120
Power max in watts (nominal)	74	75	80	90	100	110	115	120
Open circuit voltage (Voc) V	22	22	22	22	22	22	22	22
Short circuit current (Isc) A	4.42	4.41	4.94	5.50	6.06	6.61	6.89	7.17
Voltage at maximum power (Vmp) V	18	18	18	18	18	18	18	18
Current at maximum power (Imp) A	4.11	4.17	4.44	5.00	5.56	6.11	6.39	6.67
Maximum system voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Max. Rated Current Series (Fuse Rating)	12A	12A	12A	12A	12A	12A	12A	12A
No's of Solar cell per module	36	36	36	36	36	36	36	36
Length x width x Height (LxWxH) in mm	775 x 666 x 34	775 x 666 x 34	775 x 666 x 34	1020 x 666 x 34	1020 x 666 x 34	1195 x 666 x 34	1195 x 666 x 34	1195 x 666 x 34
Junction box type with cable and connectors	3T2D	3T2D	3T2D	3T2D	3T2D	3T2D	3T2D	3T2D
Junction box protection rating	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65	IP-65