



6" Poly Crystalline PV Modules

48 cells

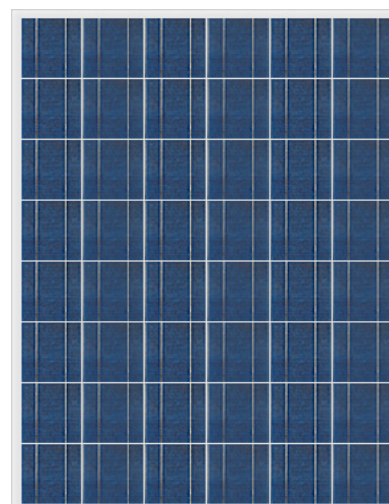
Electrical and Mechanical Characteristics	EBS-P6T155	EBS-P6T160	EBS-P6T165	EBS-P6T170	EBS-P6T175	EBS-P6T180	EBS-P6T185
Maximum Power [W]	159.9	164.9	169.9	174.9	179.9	184.9	189.9
Tolerance				±5%			
Open circuit Voltage [V]	28.70	28.70	28.75	28.80	28.85	29.14	29.38
Short circuit Current [A]	7.24	7.35	7.47	7.72	7.95	8.10	8.23
Maximum Power Voltage [V]	22.94	23.42	23.66	23.80	24.10	24.29	24.48
Maximum Power Current [A]	6.76	6.83	6.97	7.14	7.26	7.41	7.56
Solar Cell Efficiency [%]	13.25	13.75	14.12	14.62	15.12	15.62	16.12
Series Fuse Rating [A]	15						
Terminal Box Protection Code	IP65						
Maximum System Voltage [V]	DC1000						
Operating Temperature [C]	-40 to 85						
Frame	Anodized Aluminum						
Dimension (L x W x D)	51.81" x 39.17" x 1.97" / 1316mm x 995mm x 50mm						
Weight/pc	16.0kg/35.3lbs						
Packing	10pcs/carton						
Loading/container	280pcs/20ft; 600/40ft						
Maximum wind load	6000 Pa						

54 cells

Electrical and Mechanical Characteristics	EBS-P6T190	EBS-P6T195	EBS-P6T200	EBS-P6T205
Maximum Power [W]	194.9	199.9	204.9	209.9
Tolerance			± 3%	
Open circuit Voltage [V]	32.40	32.40	32.62	32.78
Short circuit Current [A]	7.72	7.83	8.04	8.10
Maximum Power Voltage [V]	26.78	26.95	27.22	27.32
Maximum Power Current [A]	7.09	7.24	7.35	7.50
Solar Cell Efficiency [%]	14.62	14.87	15.37	15.62
Series Fuse Rating [A]	15			
Terminal Box Protection Code	IP65			
Maximum System Voltage [V]	DC1000			
Operating Temperature [C]	-40 to 85			
Frame	Anodized Aluminum			
Dimension (L x W x D)	58.39" x 39.17" x 1.97" / 1483mm x 995mm x 50mm			
Weight/pc	18.5kg/40.8lbs			
Packing	10pcs/carton			
Loading/container	280pcs/20ft; 600/40ft			
Maximum wind load	6000 Pa			

Temperature Coefficients	
NOCT	44.9±0.1°C
Short circuit current	+0.06%/K
Open circuit voltage	-0.15%/K
Max power output	-0.45%/K

Standard Test Conditions (STC)	
Irradiance	1000W/m ²
Module Temperature	25 °C
AM	1.5



Specifications subject to change without notice.



• Qualified, IEC 61215
 • Safety tested, IEC 61730
 • Periodic inspection





6" Poly Crystalline PV Modules

60 cells

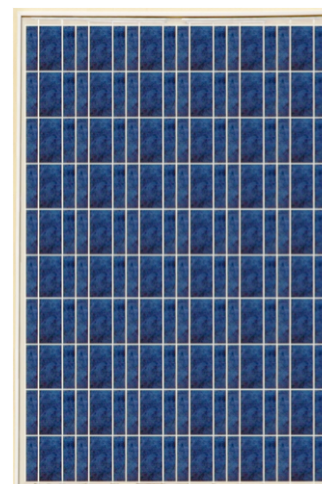
Electrical and Mechanical Characteristics	EBS-P6T210	EBS-P6T215	EBS-P6T220	EBS-P6T225	EBS-P6T230	EBS-P6T235
Maximum Power [W]	214.9	219.9	224.9	229.9	234.9	239.9
Tolerance	+ 3%					
Open circuit Voltage [V]	35.94	36.00	36.06	36.42	36.60	36.72
Short circuit Current [A]	7.60	7.83	7.95	8.10	8.17	8.23
Maximum Power Voltage [V]	29.64	29.94	30.12	30.36	30.48	30.60
Maximum Power Current [A]	7.09	7.18	7.30	7.41	7.55	7.68
Solar Cell Efficiency [%]	14.37	14.87	15.12	15.62	15.87	16.12
Series Fuse Rating [A]	15					
Terminal Box Protection Code	IP65					
Maximum System Voltage [V]	DC1000					
Operating Temperature [C]	-40 to 85					
Frame	Anodized Aluminum					
Dimension (L x W x D)	64.80" x 39.17" x 1.97" / 1646mm x 995mm x 50mm					
Weight/pc	20.0kg/44.1lbs					
Packing	10pcs/carton					
Loading/container	240pcs/20ft; 560/40ft					
Maximum wind load	6000 Pa					

72 cells

Electrical Characteristics	EBS-P6T255	EBS-P6T260	EBS-P6T265	EBS-P6T270	EBS-P6T275	EBS-P6T280	EBS-P6T285
Maximum Power [W]	259.9	264.9	269.9	274.9	279.9	284.9	289.9
Tolerance	± 3%						
Open circuit Voltage [V]	43.20	43.20	43.27	43.70	43.92	44.06	44.21
Short circuit Current [A]	7.72	7.83	7.95	8.10	8.17	8.23	8.32
Maximum Power Voltage [V]	35.71	35.93	36.14	36.43	36.58	36.72	36.79
Maximum Power Current [A]	7.14	7.24	7.33	7.41	7.52	7.63	7.75
Solar Cell Efficiency [%]	14.62	14.87	15.12	15.62	15.87	16.12	16.37
Series Fuse Rating [A]	15						
Terminal Box Protection Code	IP65						
Maximum System Voltage [V]	DC1000						
Operating Temperature [C]	-40 to 85						
Frame	Anodized Aluminum						
Dimension (L x W x D)	77.20" x 39.17" x 1.97" / 1961mm x 995mm x 50mm						
Weight/pc	24.0kg/52.9lbs						
Packing	10pcs/carton						
Loading/container	200pcs/20ft; 440/40ft						
Maximum wind load	6000 Pa						

Temperature Coefficients	
NOCT	44.9±0.1°C
Short circuit current	+0.06%/K
Open circuit voltage	-0.15%/K
Max power output	-0.45%/K

Standard Test Conditions (STC)	
Irradiance	1000W/m ²
Module Temperature	25 °C
AM	1.5



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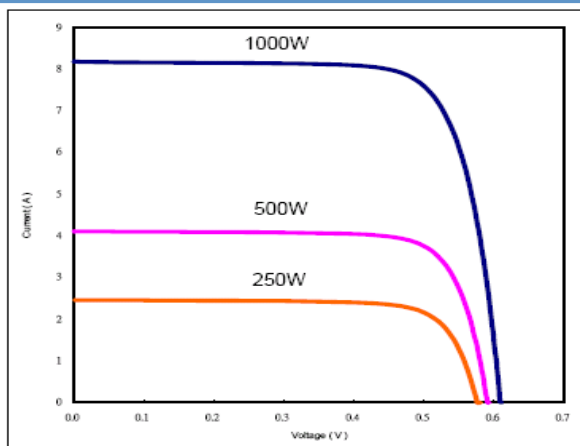
6" Poly Crystalline PV Modules

36 cells

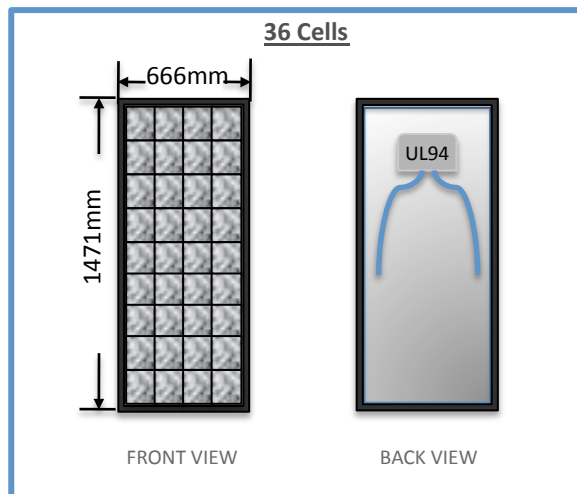
Electrical and Mechanical Characteristics	EBS-P6T120	EBS-P6T125	EBS-P6T130	EBS-P6T135	EBS-P6T140
Maximum Power [W]	124.9	129.9	134.9	139.9	144.9
Tolerance			+ 3%		
Open circuit Voltage [V]	21.53	21.56	21.60	21.74	22.03
Short circuit Current [A]	7.35	7.60	7.83	8.04	8.23
Maximum Power Voltage [V]	17.57	17.78	17.96	18.14	18.36
Maximum Power Current [A]	6.83	7.03	7.24	7.44	7.63
Solar Cell Efficiency [%]	13.75	14.37	14.87	15.37	16.32
Series Fuse Rating [A]	10				
Terminal Box Protection Code	IP65				
Maximum System Voltage [V]	DC1000				
Operating Temperature [C]	-40 to 85				
Frame	Anodized Aluminum				
Dimension (L x W x D)	57.91" x 26.22" x 1.38" / 1471mm x 666mm x 35mm				
Weight/pc	12.0kg/26.5lbs				
Packing	14pcs/carton				
Loading/container	448pcs/20ft; 896/40ft				

I V Curve

Current-Voltage characteristics at various irradiance levels



Frame Diagram

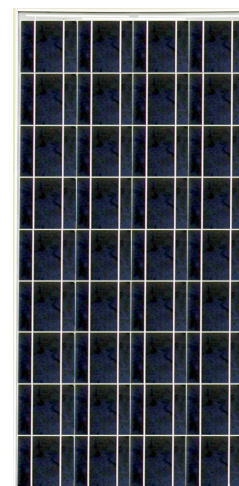


Temperature Coefficients

NOCT	44.9±0.1°C
Short circuit current	+0.06%/K
Open circuit voltage	-0.15%/K
Max power output	-0.45%/K

Standard Test Conditions (STC)

Irradiance	1000W/m ²
Module Temperature	25 °C
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