

84-480W

Semi-transparent PV modules

The Semi-transparent Series stands out in the BIPV field due to its exceptional clarity and customizable light transmittance. It offers tailored solutions for various BIPV applications, including photovoltaic curtain walls, skylights, shading systems, and agricultural greenhouses. This product line achieves an optimal balance between light transmission and power generation efficiency, while also providing extensive customization options in structural thickness, module dimensions, and shapes-meeting the demands of diverse and complex application scenarios.



Different markets have varying certification requirements—please consult your Grun solar sales representative for details. For special installation conditions, contact Grun solar's technical support team in advance.

Electrical Performance Parameters

Procatm Model	LAM1-T20	LAM1-T40	LAM2-T20	LAM2-T40	LAM3-T20	LAM3-T40	LAM4-T20	LAM4-T40	LAM5-T20	LAM5-T40	LAM4-T50
Norminal Power	84W	63W	160W	120W	360W	270W	323W	242W	480W	360W	300W
Voc	116.0V	116.0V	116.0V	116.0V	184.0V	184.0V	116.0V	116.0V	116.0V	116.0V	116.0V
Isc	1.11A	0.83A	2.12A	1.59A	2.9A	2.2A	4.27A	3.2A	6.34A	4.75A	3.96A
Vm	86.37V	86.37V	86.37V	86.37V	143.8V	143.8V	86.37V	86.37V	86.37V	86.37V	86.37V
Im	0.98A	0.73A	1.86A	1.4A	2.50A	1.90A	3.74A	2.81A	5.56A	4.17A	3.48A
Transmittance	20%	40%	20%	40%	20%	40%	20%	40%	20%	40%	50%
Dimension	L1200*W600*D7mm		L1200*W1200*D16mm		L1215*W2300*D16mm		L1200*W2400*D18mm		L1200*W3600*D16mm		
Composition & Weight	3.2+0.72pvb+3.2mm 12kg		5+1.52pvb+3.2+1.52pvb +5mm 52kg		5+1.52pvb+3.2+1.52pvb +5mm 101.6kg		6+1.52pvb+3.2+1.52pvb +6mm 119kg		6+1.52pvb+3.2+1.52pvb+6+12A +6mm 255kg		
Power Temperature Coefficient			-0.214% / °C								
Voltage Temperature Coefficient			-0.321% / °C								
Current Temperature Coefficient			0.060% / °C								
Test Conditions			STC:1000W/m², AM1.5, 25°C								

