

Series6-U6PB3



6" Poly-crystalline Solar Cell Catalog



Dimensions 156mm x 156mm \pm 0.5mm
Thickness 200 μ m \pm 30 μ m (Wafer thickness)
Front Silver bus bars; silicon nitride antireflection coating
Back Silver bus bars; Full-surface

Features

1. High conversion efficiency
2. Uniform SiN coating without residual dark spot
3. Excellent spectral response in all wavelengths
4. Low reflective alkaline texturing surface
5. Low reverse current to avoid hot spot
6. Precise printing and superior silver contact to assure easiness of automatic soldering and tightness of contact

	Conversion Efficiency (%)	Average Conversion Efficiency (%)	Rated Power (Wp)	Max. Power Current, I_{mp} (A)	Max. Power Voltage, V_{mp} (V)	Short Circuit Current, I_{sc} (A)	Open Circuit Voltage, V_{oc} (V)
U6PB3-1780	17.80-18.00	17.90	4.33-4.38	8.22	0.530	8.72	0.631
U6PB3-1760	17.60-17.80	17.70	4.28-4.33	8.18	0.526	8.69	0.628
U6PB3-1740	17.40-17.60	17.50	4.23-4.28	8.13	0.524	8.63	0.625
U6PB3-1720	17.20-17.40	17.30	4.19-4.23	8.08	0.521	8.59	0.622
U6PB3-1700	17.00-17.20	17.10	4.14-4.19	8.04	0.517	8.55	0.619
U6PB3-1680	16.80-17.00	16.90	4.09-4.14	8.02	0.513	8.52	0.615
U6PB3-1660	16.60-16.80	16.70	4.04-4.09	7.97	0.510	8.47	0.612
U6PB3-1640	16.40-16.60	16.50	3.99-4.04	7.93	0.507	8.43	0.609
U6PB3-1620	16.20-16.40	16.30	3.94-3.99	7.88	0.503	8.39	0.605
U6PB3-1600	16.00-16.20	16.10	3.89-3.94	7.84	0.500	8.34	0.602

* Under standard test condition: 1000W / m², AM 1.5, 25°C

* Average accuracy of all tested figures is \pm 3.0% rel.