



GOOGOL COMPANY 長美能源股份有限公司



Mono-crystalline Silicon Photovoltaic Module

WS10~170G6M



APPLICATIONS :

- | | | |
|---------------------|--------------------------|-----------------------------|
| 1. Off-grid systems | 2. Private residences | 3. Telecommunication |
| 4. Road lights | 5. Traffic signaling | 6. Portable solar systems |
| 7. Water pumping | 8. Rural electrification | 9. Remote monitoring system |

FEATURE :

- mono-crystalline silicon solar cell with high efficiency, high transmission rate and low iron tempered glass, anti-aging EVA and high frame resistant TPT to laminate and anodized aluminum alloy.
- Products have high efficiency, long life, easy installation high wind and hail impact resistance, etc.
- Product warranty: 1 year

NO.7-1, Ln.3, Xinhe 1st Rd., Tainan City 702, Taiwan

TEL: +886-6-2637188 FAX: +886-2-66021277

www.googolcom.com

info@googolcom.com

SPECIFICATION :

*Other specification are available upon custom request

Power Model	10W	20W	35W	55W	85W	113W	170W
Max power voltage Vmp(V)	17.8	18	18	18	18	18	18
Max power current Imp(A)	0.57	1.18	1.89	3.15	4.72	6.3	9.44
Open circuit voltage Voc(V)	20.9	21.2	21.2	21.2	21.2	21.2	21.2
Short circuit current Isc(A)	0.6	1.25	2.5	3.33	5	6.66	9.99
Weight(KG)	1.2	2.2	2.8	4.3	6.8	8.6	12
Number of cells	32	32	32	32	32	32	32
Cell Efficiency	21.8%	22.2%	22.2%	22.2%	22.2%	22.2%	22.2%
Dimension (mm)	190x380x35	345x380x35	345x588x35	668X488X35	668x697x35	668x906x35	668X1330X35
Tolerance	±5%						
Operate Temp. scope(°C)	-40 to +90						
Relative humidity	0 to 100%						

Maximum System Voltage: 600V

Test conditions: @ STC 1000W/M², Am1.5.25 °C

NOCT: 46±2°C

Temp Coefficient of Voc(%/°C):-0.35

Temp Coefficient of Isc(%/°C):0.08

Temp Coefficient of Pmax(%/°C):-0.41

Certificate: CE

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