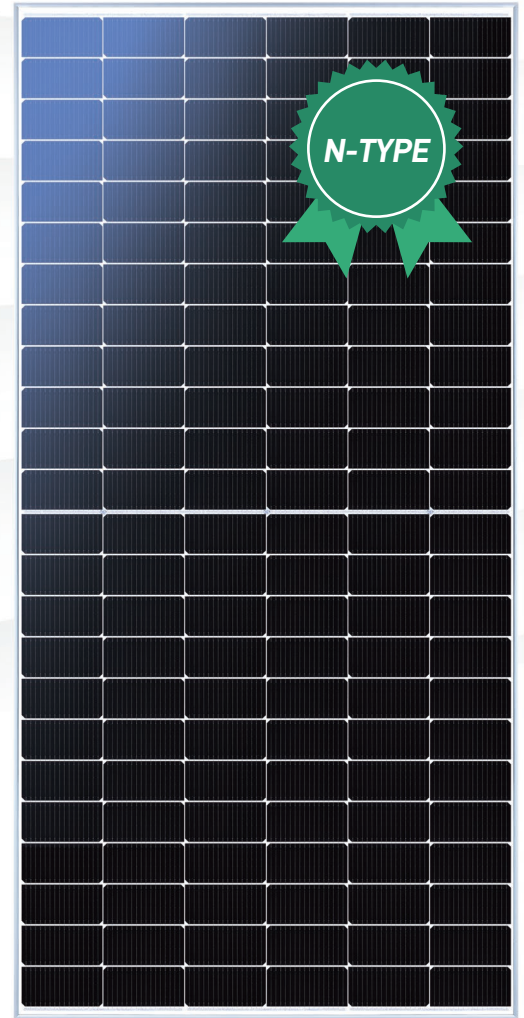


# DRACO MODULE SERIES

N-TOPCON HIGH EFFICIENCY MONO BM6-16B-G

# 550-570W

144 CELLS



## EXTRAORDINARY PRODUCT PERFORMANCE

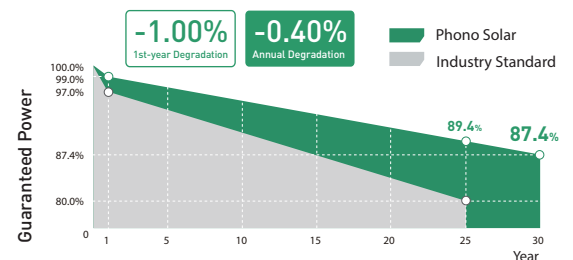
- Up to 30% additional power yield benefited from bifacial technology and up over 80% cell bifaciality
- Competitive high-temperature performance with ameliorated temperature coefficient
- Better weak illumination response, higher power generation with N-type technology

## HIGHER QUALITY RELIABILITY

- Zero Light Induced Degradation(LID),can increase power generation
- Encapsulation with POE and dual glass contributes to excellent anti-PID characteristic
- First-year degradation is less than 1.0%, with linear degradation of 0.4% per year for 30 years

## WIDER APPLICATION CONDITIONS

- BIPV, vertical installation, snowfield, high-humid area, windy and dusty area
- Safer and easier handling during transportation and installation



15-year Product Warranty | 30-year Linear Performance Warranty

## MANAGEMENT SYSTEM CERTIFICATES

IEC 61215, IEC 61730

ISO 9001:2015 / Quality management system

ISO 14001:2015 / Standards for environmental management system

ISO 45001:2018 / International standards for occupational health & safety



Bloomberg Tier<sup>1</sup>  
NEW ENERGY FINANCE



## ELECTRICAL TYPICAL VALUES

Model	PS550M7GFH-24/TNH		PS555M7GFH-24/TNH		PS560M7GFH-24/TNH		PS565M7GFH-24/TNH		PS570M7GFH-24/TNH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp)	550	411	555	414	560	418	565	422	570	426
Rated Current (Imp)	13.23	10.46	13.29	10.50	13.35	10.55	13.41	10.60	13.47	10.65
Rated Voltage (Vmpp)	41.58	39.30	41.77	39.40	41.96	39.60	42.15	39.80	42.34	40.00
Short Circuit Current (Isc)	14.01	11.29	14.07	11.34	14.13	11.39	14.19	11.44	14.25	11.49
Open Circuit Voltage (Voc)	50.27	47.40	50.47	47.60	50.67	47.80	50.87	48.00	51.07	48.20
Module Efficiency (%)	21.29		21.48		21.68		21.87		22.07	

STC(Standard Testing Conditions):Irradiance 1000W/m<sup>2</sup>, AM 1.5, Cell Temperature 25°C

NOCT (Nominal Operation Cell Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S

## BIFACIAL ELECTRICAL VALUES

5%	Maximum Power(W)	572	577	582	588	593
	Module Efficiency(%)	22.14	22.34	22.55	22.75	22.95
15%	Maximum Power(W)	616	622	627	633	638
	Module Efficiency(%)	23.85	24.06	24.28	24.50	24.71
25%	Maximum Power(W)	660	666	672	678	684
	Module Efficiency(%)	25.55	25.78	26.01	26.25	26.48

## MECHANICAL CHARACTERISTICS

Cell Type	Monocrystalline 182mm x 91mm
Dimension (L× W × H)	Length: 2278mm (89.69 inch)
	Width: 1134mm (44.65 inch)
	Height: 30mm (1.18 inch)
Weight	32.7kg (72.09 lbs)
Glass	2.0mm/2.0mm Toughened Glass
Frame	Anodized Aluminium Alloy
Cable	4mm <sup>2</sup> (IEC), (+):450mm,(-):250mm or Customized Length
Junction Box	IP 68 Rated

## TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.25%/°C
Current Temperature Coefficient	+0.045%/°C
Power Temperature Coefficient	-0.30%/°C
Tolerance	0~+5w
NOCT	42±2°C
Bifaciality	80±5%

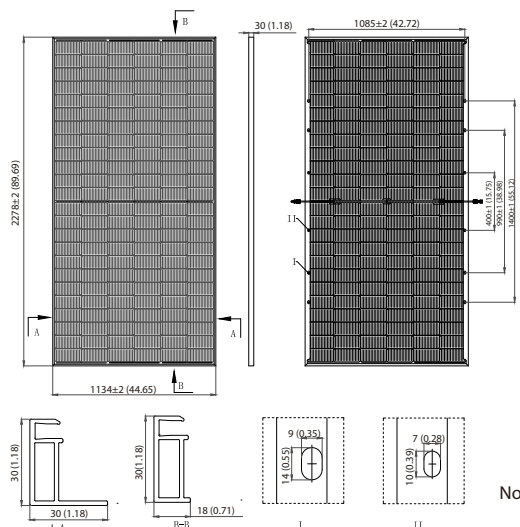
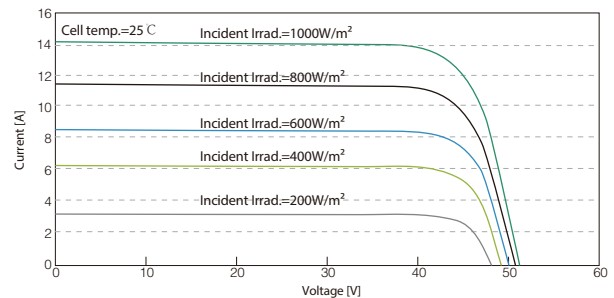
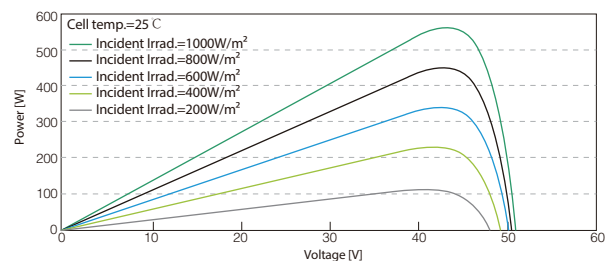
## ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maximum Series Fuse Rating	30A
PV Module Classification	II
Maximum System Voltage	DC 1500V

## PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	180	720

## ELECTRICAL CHARACTERISTICS



Note:mm (inch)