## Phono Solar

# **Premium Plus Module**

Mono Perc/300-315W



#### **More Power**

Higher conversion efficiency, more power production per unit area



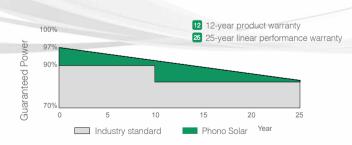
#### **Lower System Cost**

Higher conversion efficiency helps to save transportation-, installation- and BoS cost



### **Better Low-light Performance**

Enhanced spectral response at longer wave length boosts low-light performance, which can produce more than 3% additional power compared with conventional module at system side





2019 TOP PERFORMER







ELECTRICAL TYPICAL VALUES						
PS300M-20/U PS300MH-20/U	PS305M-20/U PS305MH-20/U	PS310M-20/U PS310MH-20/U	PS315M-20/U PS315MH-20/U			
Monoc	Monocrystalline 6 inch x 6 inch square, $6 \times 10$ pieces in series					
300W	305W	310W	315W			
0~+5w						
9.32	9.43	9.54	9.64			
32.19	32.35	32.50	32.68			
9.82	9.87	9.92	9.98			
39.90	40.00	40.10	40.20			
18.44	18.75	19.05	19.36			
perature)	45±2	2℃				
	-0.31%/°C					
	+0.059	%/°C				
	-0.399	%/°C				
	PS300M-20/U PS300MH-20/U Monoc 300W 9.32 32.19 9.82 39.90	PS300M-20/U PS305M-20/U PS305M-20/U PS300MH-20/U PS305MH-20/U  Monocrystalline 6 inch x 6 inc	PS300M-20/U PS305M-20/U PS310M-20/U PS310MH-20/U PS310MH			

MECHANICAL CHARACTERISTICS				
		Length: 1640mm (64.57 inch)		
Dimension (Lx	$W \times H$ )	Width: 992mm (39.06 inch)		
		Height: 35mm (1.38 inch)		
Weight		18kg (39.68 lbs)		
Front Glass		3.2mm Toughened Glass		
Frame		Anodized Aluminium Alloy		
Cable	4mm² (IEC), Leng	gth:900mm or Customized Length		
Junction Box		IP 68 Rated		

ABSOLUTE MAXIMUM RAT	ABSOLUTE MAXIMUM RATING				
Parameter	Values				
Operating Temperature	From -40 to +85°C				
Hail Diameter @ 80km/h	Up to 25mm				
Surface Maximum Load Capacity	Up to 5400Pa				
Maximum Series Fuse Rating	20A				
Application Class and Safety Class	II				
Fire Rating (IEC61730)	С				
Module Fire Performance (UL 1703	) Type1				
Maximum System Voltage	DC 1000V/1500V (IEC/ETL)				

PACKING CONFIGURATION				
Container	20' GP	40' HQ		
Pieces/Container	312	896		

- 1. In compliance with our warranty terms and conditions.
- 2. Measurement conditions under irradiance level of Standard Test Conditions(STC): 1000W/m²

Air mass 1.5 spectrum, cell temperature of 25°C.

