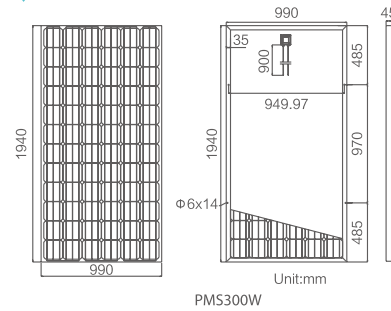


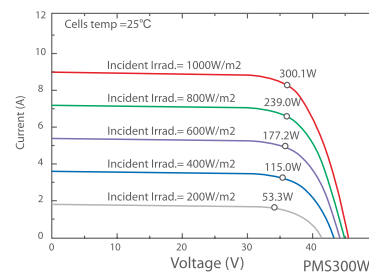
# MONOCRYSTALLINE SOLAR MODULE 260-320W



## Engineering Drawings



## Current-Voltage Curves



## TECHNICAL SPECIFICATIONS

Model	SMS260W	SMS280W	SMS300W	SMS310W	SMS320W					
<b>Electrical Characteristics 电性能</b>										
	<b>STC</b>	<b>NOCT</b>	<b>STC</b>	<b>NOCT</b>	<b>STC</b>	<b>NOCT</b>	<b>STC</b>	<b>NOCT</b>	<b>STC</b>	<b>NOCT</b>
Maximum Power (Pmax)	260Wp	190Wp	280Wp	205Wp	300Wp	219Wp	310Wp	225Wp	320Wp	235Wp
Maximum Power Voltage (Vmpp)	36.0V	33.3V	36.0V	33.3V	36.0V	33.3V	36.0V	33.3V	36.0V	33.3V
Maximum Power Current (Impp)	7.22A	5.71A	7.76A	6.16A	8.33A	6.59A	8.61A	6.76A	8.89A	7.06A
Open Circuit Voltage (Voc)	45.0V	42.4V	45.0V	42.4V	45.0V	42.4V	45.0V	42.4V	45.0V	42.4V
Short Circuit Current (Isc)	7.80A	6.28A	8.40A	6.76A	9.00A	7.24A	9.30A	7.48A	9.60A	7.79A
Power Tolerance(Positive)	5%		5%		5%		5%		5%	
Module Efficiency STC	15.45%		15.54%		15.62%		16.14%		16.66%	
Operating Temperature Range	-40°C to +85°C									
Maximum System Voltage	1000V									
Series Fuse Rating	15A									
Temperature Coefficient of Pmax	-0.44 %/°C									
Temperature Coefficient of Voc	-0.33 %/°C									
Temperature Coefficient of Isc	0.055 %/°C									
Nominal Operating Cell Temperature(NOCT)	45 ± 2°C									
<b>Mechanical Characteristics 机械性能</b>										
Cell Type	Monocrystalline 156x156 mm									
Cell Number	72 (6x12)									
Dimensions (mm)	990x1700x45	990x1820x45	990x1940x45	990x1940x45	990x1940x45	990x1940x45	990x1940x45	990x1940x45	990x1940x45	990x1940x45
Weight(Kgs)	19.30	20.60	21.55	21.55	21.55	22.00	22.00	22.00	22.00	22.00
Front Glass	3.2 mm, High Transmission, Low Iron, Tempered Glass									
Frame Type	Anodized Aluminium Alloy									
Junction Box Protection Class	IP 67 Rated									
Connector Type	MC4									
Output Cables	4 mm <sup>2</sup> , Length: 900 mm									