

**160-250W**

Model	PMS160W	PMS170W	PMS180W	PMS190W	PMS200W	PMS210W	PMS220W	PMS230W	PMS240W	PMS250W
Warranty										
Product Warranty	10 years limited product warranty									
Power Warranty	15 years at 90% of the minimal rated power output 25 years at 80% of the minimal rated power output									
ELECTRICAL DATA AT STC										
Maximum Power (Pmax)	160Wp	170Wp	180Wp	190Wp	200Wp	210Wp	220Wp	230Wp	240Wp	250Wp
Voltage at Maximum Power (Vmpp)	36.0V	36.0V	36.0V	36.0V	36.0V	36.0V	36.0V	36.0V	36.0V	36.0V
Current at Maximum Power (Impp)	4.45	4.73	5.00	5.27	5.56	5.84	6.12	6.39	6.67	6.95
Open Circuit Voltage (Voc)	45.8V	45.8V	45.8V	45.8V	45.8V	45.8V	45.8V	45.8V	45.8V	45.8V
Short Circuit Current (Isc)	4.81	5.11	5.40	5.69	6.01	6.31	6.61	6.90	7.20	7.51
Power Tolerance(Positive)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Standard Test Conditions (STC): Air mass AM 1.5, Irradiance 1000W/m <sup>2</sup> , Cell temperature 25°C										
ELECTRICAL DATA AT NOCT										
Temperature	45±2 °C									
Nominal Operating Cell Temperature (NOCT): 800W/m <sup>2</sup> , AM 1.5, wind speed 1m/s, ambient temperature 20°C										
THERMAL RATINGS										
Operating Temperature Range	-40°C to +85°C									
Temperature Coefficient of Pmax	-0.44 %/°C									
Temperature Coefficient of Voc	-0.33 %/°C									
Temperature Coefficient of Isc	0.055 %/°C									
MAXIMUM RATINGS										
Maximum System Voltage	1000V									
Series Fuse Rating	15A									

Note: Specifications subject to technical changes and tests. Easunray reserve the right of final interpretation.



EASUNRAY Mono Crystalline Silicon Module

MACHENICAL DATA										
Panel Dimension (H/W/D mm)	990x1130x35	990x1180x35	990x1250x35	990x1320x35	990x1400x45	990x1480x45	990x1530x45	990x1580x45	990x1640x45	990x1700x45
Weight(Kg)	13.40	14.00	14.80	15.60	16.60	17.50	18.10	18.70	19.50	20.00
Cell Type	Mono crystalline									
Cell Size	156x156 mm									
Cell Number	72(6x12)	72(6x12)	72(6x12)	72(6x12)	72(6x12)	72(6x12)	72(6x12)	72(6x12)	72(6x12)	72(6x12)
Glass Type	Tempered, Anti-reflection Coating, Low Iron									
Glass Thickness	3.2 mm									
Frame Type	Anodized Aluminum Alloy									
Junction Box Protection Class	IP 65									
Connector Type	MC4									
Cable Cross section	4 mm <sup>2</sup>									
Cable Length	900 mm									



(for reference only)

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