



55-100W

Model	PMS55W	PMS60W	PMS65W	PMS70W	PMS75W	PMS80W	PMS85W	PMS90W	PMS95W	PMS100W
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)	55Wp	60Wp	65Wp	70Wp	75Wp	80Wp	85Wp	90Wp	95Wp	100Wp
Voltage at Maximum Power (Vmpp)	18.0V	18.0V	18.0V	18.0V	18.0V	18.0V	18.0V	18.0V	18.0V	18.0V
Current at Maximum Power (Impp)	3.05	3.33	3.61	3.88	4.16	4.44	4.72	5.00	5.27	5.56
Open Circuit Voltage (Voc)	22.8V	22.8V	22.8V	22.8V	22.8V	22.8V	22.8V	22.8V	22.8V	22.8V
Short Circuit Current (Isc)	3.30	3.60	3.90	4.19	4.50	4.80	5.10	5.40	5.69	6.01
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 ² , Cell temperature 25°C										
ELECTRICAL DATA AT NOCT										
Temperature	45±2 °C									
Nominal Operating Cell Temperature (NOCT): 800W/m ² , 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	715V					1000V				
Series Fuse Rating	10A					15A				
MACHENICAL DATAS										
Panel Dimension (H/W/D mm)	670x600x35	670x620x35	670x670x35	670x720x35	670x760x35	670x820x35	670x880x35	670x930x35	670x970x35	670x1040x35
Weight (Kg)	4.98	5.38	5.78	6.11	6.60	7.00	7.50	7.80	8.38	8.50
Cell Type	Mono crystalline									
Cell Size	156x156 mm									
Cell Number	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)	36(4x9)



EASUNRAY Mono Crystalline Silicon Module

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 ²
Cable Length	900 mm



(for reference only)