





## EMP- ( 305-325 ) S60A

### ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	305	310	315	320	325
Power Tolerance	±3%				
Binning Tolerance	0~+5				
Maximum Power Voltage-VMPP (V)	33.2V	33.6V	34.0V	34.4V	34.8V
Maximum Power Current-IMPP (A)	9.20A	9.24A	9.27A	9.31A	9.34A
Open Circuit Voltage-VOC (V)(± 2%)	40.0V	40.2V	40.4V	40.6V	40.7V
Short Circuit Current-ISC (A)(± 2%)	9.71A	9.78A	9.81A	9.87A	9.94A
Module Efficiency (%)	18.6%	18.9%	19.2%	19.5%	19.8%

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25C°, Air Mass AM1.5.

### MECHANICAL DATA

Solar Cells	Monocrystalline 156.75 × 156.75 mm (6 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	1650×992×35/40mm
Weight	18.5kg/20kg
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP 65 or IP 67 rated
Cables	Photovoltaic Technology Cable 4.0 <sup>2</sup> mm (0.006 inches)
Connector	T01

### TEMPERATURE RATINGS

Temperature Coecient of Pmax	-0.420%/°C
Temperature Coecient of Voc	-0.340%/°C
Temperature Coecient of Isc	0.055%/°C

### MAXIMUM RATINGS

Operational Temperature	-40+85°C
Maximum System Voltage	1000V
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

### WARRANTY

10 year Product Workmanship Warranty  
25 year Linear Power Warranty

### PACKAGING CONFIGURATION

Modules per box: 30pcs/27pcs  
Modules per 40' container: 840 pcs/756pcs  
Modules per 40' container: 896 pcs/812pcs

