

# MONOCRYSTALLINE, 60-CELL SERIES

## ELECTRICAL PERFORMANCE

Module type: ESPSC	315M / 320M / 325M
Maximum Power(Wp)	315W 320W 325W
Open circuit Voltage(Voc)	41.95V 41.24V 41.44V
Short circuit Current(Isc)	9.8A 9.88A 9.96A
Maximum Power Voltage(Vm)	33.41V 33.68V 33.93V
Maximum Power Current(Im)	9.43A 9.51A 9.58A
Module efficiency	18.88% 19.18% 19.48%
Maximum Series Fuse	15A
Watts positive tolerance	0~+3%
Number of Diode	3
Standard Test Conditions	1000W/M <sup>2</sup> ,25°C,AM1.5
Maximum System Voltage	1000V/DC
Temperature-Coefficient Isc	+0.08558%/°C
Temperature-Coefficient Uoc	-0.29506%/°C
Temperature-Coefficient Pmpp	-0.38001%/°C
Normal Operating Cell Temperature	-40°C...+85°C
Load Capacity for the cover of the module (glass)	5400Pa(IEC61215)(snow)
Load Capacity for the front & back of the module	2400Pa(IEC61215)(wind)
Product Certificate	TUV(IEC 61215,IEC 61730),CE, ROHS,PID Resistant,INMETRO
Company Certificate	ISO9001,ISO14001,ISO18001

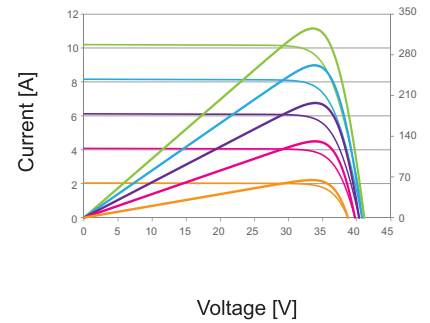
## MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in Black
Cell (quantity / material / dimensions)	60 / monocrystalline silicon / 158.75x158.75mm
Frame (material / color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / Black
Junction box (protection degree)	≥IP68
Cables & Plug connectors	2x900mm / 4mm <sup>2</sup> & MC4 compatible
Module Dimensions (L / W / H)	1665x1002x35mm
Module Weight	19kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

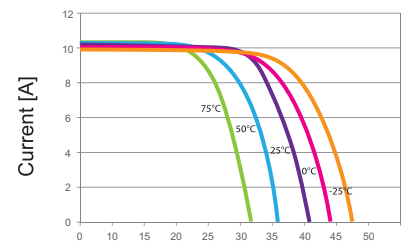
## PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurement (mm)	Units/Container (PCS)
20GP	30	590	1710x1130x1140	360
40HQ	30	590	1710x1130x1140	910
	35	686	1710x1130x1330	

## CURRENT-VOLTAGE CURVES:



Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



Module characteristics at variable module temperatures and constant module irradiance of 1.000 W/m<sup>2</sup>

## MODULE DIAGRAM:

