MONOCRYSTALLINE, 72-CELL SERIES

ELECTRICAL PERFORMANCE

Module type: ESPSC	380M / 385M / 390M / 395M / 400M
Maximum Power(Wp)	380W / 385W / 390W / 395W / 400W
Open circuit Voltage(Voc)	48.9V / 49.1V / 49.3V / 49.5V / 49.8V
Short circuit Current(Isc)	9.75A / 9.92A / 10.12A / 10.23A / 10.36A
Maximum Power Voltage(Vm)	40.5V / 40.8V / 41.1V / 41.4V / 41.7V
Maximum Power Current(Im)	9.39A / 9.44A / 9.49A / 9.55A / 9.60A
Module efficiency	19.16% / 19.42% / 19.67% / 19.92% / 20.17%
Maximum Series Fuse	15A
Watts positive tolerance	0~+3%
Number of Diode	3
Standard Test Conditions	1000W/M²,25°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 Resisitant,INMETRO
Company Certificate	ISO9001,ISO14001,ISO18001

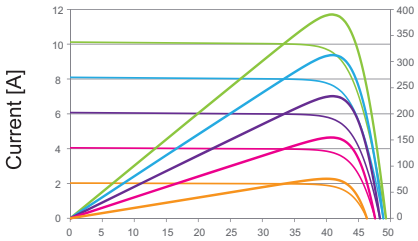
MECHANICAL CHARACTERISTICS

Front cover (material / thickness)	low-iron tempered glass / 3.2mm
Backsheet (color)	TPT in white
Cell (quantity / material / dimensions)	72 / monocrystalline silicon / 158.75x158.75mm
Frame (material / color)	aluminum hollow-chamber frame on each side anodized aluminum alloy / silver
Junction box (protection degree)	≥IP68
Cables & Plug connectors	2x900mm / 4mm² & MC4 compatible
Module Dimensions (L / W / H)	1979x1002x40mm
Module Weight	22.5kg
Application class	Class A
Electrical protection class	Class II
Fire safety class	Class C

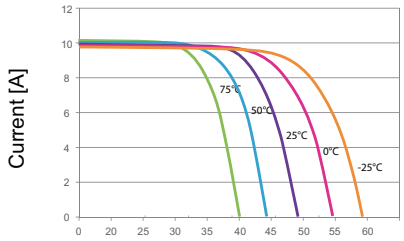
PACKING

Container Size	Units/Pallet (PCS)	Weight/Pallet (KG)	Pallet Measurment (mm)	Units/Container (PCS)
20GP	26	615	2030x1130x1140	260
40HQ	26	615	2030x1130x1140	627
	31	730	2030x1130x1350	

CURRENT-VOLTAGE CURVES:



Voltage [V]
Module characteristics at constant module temperatures of 25°C and variable levels of irradiance



Voltage [V]
Module characteristics at variable module temperatures and constant module irradiance of 1.000 W/m²

MODULE DIAGRAM: