

## DQ20P

Electrical Characteristics	
Module type	DQ20P
Pmax	20W
Tolerance	0-3W
Open-circuit Voltage (Voc)	21.88V
Short-circuit Current (Isc)	1.19A
Maximum Power Voltage (Vmp)	17.8V
Maximum Power Current (Imp)	1.12A
Maximum system voltage	1000 VDC
Maximum series fuse rating	10A
Temperature coefficient of Pmax	-0.41%/°C
Temperature coefficient of Voc	-0.33%/°C
Temperature coefficient of Isc	+0.03
Operating Temperature	-40~85°C

Mechanical Characteristics	
Dimension (mm)	350*490*25mm
Weight (kg)	1.58kg
Number of cells	36(4x9)
Junction Box	IP67 rated
Output Cables	2.5mm <sup>2</sup> , length:900mm
Connector	MC4 compatible
Frame	Anodized Aluminium Alloy
Front Glass	3.2mm, low iron, tempered glass

**DQ30P**

<b>Electrical Characteristics</b>	
Module type	DQ30P
Pmax	30W
Tolerance	0-3W
Open-circuit Voltage (Voc)	21.98V
Short-circuit Current (Isc)	1.81A
Maximum Power Voltage (Vmp)	17.8V
Maximum Power Current (Imp)	1.68A
Maximum system voltage	1000 VDC
Maximum series fuse rating	10A
Temperature coefficient of Pmax	-0.41%/°C
Temperature coefficient of Voc	-0.33%/°C
Temperature coefficient of Isc	+0.03
Operating Temperature	-40~85°C

<b>Mechanical Characteristics</b>	
Dimension (mm)	350*670*25mm
Weight (kg)	2.5kg
Number of cells	36(4x9)
Junction Box	IP67 rated
Output Cables	2.5mm <sup>2</sup> , length:900mm
Connector	MC4 compatible
Frame	Anodized Aluminium Alloy
Front Glass	3.2mm, low iron, tempered glass

**DQ40P**

<b>Electrical Characteristics</b>	
Module type	DQ40P
Pmax	40W
Tolerance	0-3W
Open-circuit Voltage (Voc)	22.1V
Short-circuit Current (Isc)	2.41A
Maximum Power Voltage (Vmp)	17.8V
Maximum Power Current (Imp)	2.24A
Maximum system voltage	1000 VDC
Maximum series fuse rating	10A
Temperature coefficient of Pmax	-0.41%/°C
Temperature coefficient of Voc	-0.33%/°C
Temperature coefficient of Isc	+0.03
Operating Temperature	-40~85°C

<b>Mechanical Characteristics</b>	
Dimension (mm)	420*670*25mm
Weight (kg)	3.35kg
Number of cells	36(4x9)
Junction Box	IP67 rated
Output Cables	2.5mm <sup>2</sup> , length:900mm
Connector	MC4 compatible
Frame	Anodized Aluminium Alloy
Front Glass	3.2mm, low iron, tempered glass

**DQ60P**

<b>Electrical Characteristics</b>	
Module type	DQ60P
Pmax	60W
Tolerance	0-3W
Open-circuit Voltage (Voc)	22.1V
Short-circuit Current (Isc)	3.62A
Maximum Power Voltage (Vmp)	17.8V
Maximum Power Current (Imp)	3.37A
Maximum system voltage	1000 VDC
Maximum series fuse rating	10A
Temperature coefficient of Pmax	-0.41%/°C
Temperature coefficient of Voc	-0.33%/°C
Temperature coefficient of Isc	+0.03
Operating Temperature	-40~85°C

<b>Mechanical Characteristics</b>	
Dimension (mm)	650*670*25mm
Weight (kg)	4.5kg
Number of cells	36(4x9)
Junction Box	IP67 rated
Output Cables	2.5mm <sup>2</sup> , length:900mm
Connector	MC4 compatible
Frame	Anodized Aluminium Alloy
Front Glass	3.2mm, low iron, tempered glass

## DQ160P

Electrical Characteristics	
Module type	DQ160P
Pmax	160W
Tolerance	0-3W
Open-circuit Voltage (Voc)	22.56V
Short-circuit Current (Isc)	9.02A
Maximum Power Voltage (Vmp)	18.81V
Maximum Power Current (Imp)	8.51A
Maximum system voltage	1000 VDC
Maximum series fuse rating	12A
Temperature coefficient of Pmax	-0.41%/°C
Temperature coefficient of Voc	-0.33%/°C
Temperature coefficient of Isc	+0.03
Operating Temperature	-40~85°C

Mechanical Characteristics	
Dimension (mm)	1480*670*35mm
Weight (kg)	11.8kg
Number of cells	36(4x9)
Junction Box	IP67 rated
Output Cables	4mm <sup>2</sup> , length: 900mm
Connector	MC4 compatible
Frame	Anodized Aluminium Alloy
Front Glass	3.2mm, low iron, tempered glass