

SOLARFAM

SZ-380-60M ***380W***

SZ-410-60M ***410W***

SZ-420-60M ***420W***

SZ-420-72M ***420W***

- **High Efficiency and Low degradation**
- **Improved Low-light Performance**
- **CE, RoHS, IEC Certificated**

SOLMAX NEW ENERGY B.V.

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SZ-380-60M**SZ-410-60M****SZ-420-60M****SZ-420-72M****Electrical specifications (STC= AM=1.5, E=1000W/m², TC=25 °C)**

Maximum Power at STC	380W	410W	420W	420W
Maximum Power Voltage (Vmpp)	41.96V	39.69V	39.69V	39.69V
Maximum Power Current (Impp)	9.06A	10.33A	10.58A	10.58A
Open-circuit Voltage (Voc)	49.88V	47.18V	47.18V	47.18V
Short-circuit Current (Isc)	9.60A	10.95A	11.22A	11.22A
Module Efficiency	20.25%	20.92%	21.43%	21.43%
Maximum System Voltage	1000V	1000V	1000V	1000V

Mechanical Data

Cell Type	Monocrystalline	Monocrystalline	Monocrystalline	Monocrystalline
Output Tolerance	±3%	±3%	±3%	±3%
Connector Type	MC4	MC4	MC4	MC4
Cable	4mm ² / 1000mm	4mm ² / 1000mm	4mm ² / 1000mm	4mm ² / 1000mm
Junction box	IP67	IP67	IP67	IP67
Working Temperature	-40~85°C	-40~85°C	-40~85°C	-40~85°C
Module Structure	Glass / Encapsulant / cell / Encapsulant / Backsheet	Glass / Encapsulant / cell / Encapsulant / Backsheet	Glass / Encapsulant / cell / Encapsulant / Backsheet	Glass / Encapsulant / cell / Encapsulant / Backsheet
Glass Thickness	3.2mm	3.2mm	3.2mm	2.0mm
Double Glazed	×	×	×	√
Generating	From single side	From single side	From single side	From both sides 15~20% more power
Frame	Full-Black Anodic Aluminum Oxide Frame	Full-Black Anodic Aluminum Oxide Frame	Full-Black Anodic Aluminum Oxide Frame	Full-Black Anodic Aluminum Oxide Frame

Packaging

Dimensions	1646*1140*35mm	1719*1140*35mm	1719*1140*35mm	1719*1140*35mm
Weight	20.5kg	22.0kg	22.0kg	22.0kg
Container	40' HQ	40' HQ	40' HQ	40' HQ
Pieces per Pallet	31	31	31	31
Weight per Pallet	645kg	692kg	692kg	692kg
Pieces per Container	868	806	806	806

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