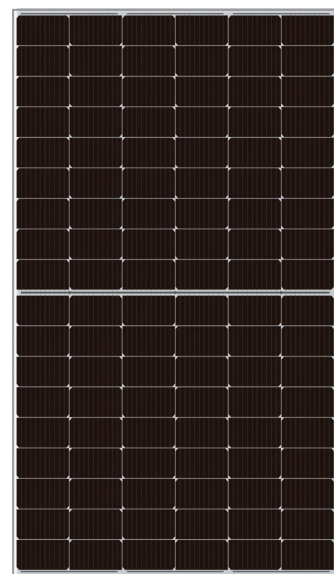




**400W** **20.48 %**  
Module efficiency

**410W** **20.99 %**  
Module efficiency



**Electrical Characteristics at Standard Test Conditions (STC)**

Module Type	SPV400-PM10-108	SPV410-PM10-108
Maximum Power - Pmax (W)	400	410
Maximum Power Voltage - Vmp (V)	33.93	34.22
Maximum Power Current - Imp (A)	11.79	11.98
Open-circuit Voltage - Voc (V)	40.44	40.79
Short-circuit Current - Isc (A)	12.32	12.52
Module Efficiency STC (%)	20.48 %	20.99 %

Tolerance of Rating Pmax /Voc/ Isc[%]: ±5/ ±4/ ±4

**Electrical Characteristics at Normal Operating Cell Temperature (NOCT)**

Module Type	SPV400-PM10-108	SPV410-PM10-108
Maximum Power - Pmax (W)	400	410
Maximum Power Voltage - Vmp (V)	33.93	34.22
Maximum Power Current - Imp (A)	11.79	11.98
Open-circuit Voltage - Voc (V)	40.44	40.79
Short-circuit Current - Isc (A)	12.32	12.52

**Temperature & Maximum Ratings**

Operating Temperature (°C)	-40 °C ~ +85 °C
Nominal Operating Cell Temperature	45 ± 2 °C
Temperature Coefficients of Pmax	-0.35% / °C
Temperature Coefficients of Voc	-0.275% / °C
Temperature Coefficients of Isc	0.045% / °C
Power Tolerance	0 ~ +3W
Maximum System Voltage	1500 V
Maximum Series Fuse Rating	25 A

**Mechanical Characteristics**

Cell Type	Mono-crystalline
No. of Cells	108 (6x18)
Dimensions	1724x1133x30 mm
Weight	21 kg
Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, MC4 Compatible, 3 Bypass Diode Connector: Type PV-XT101.1[Xtong] or Type PV-KST4-EVO 2/xy UR(male) &PV-KBT4-EVO2/xy UR (female)[Stäubli]
Fire Rating	Class C
Safety Class	Class II
Output Cables	1x4.0 mm <sup>2</sup> , Length: 300 mm or Customized Length
Packaging Configuration	74pcs/stack, 962pcs/40'HQContainer ( Two pallets=One stack )

**SPV400-PM10-108 SPV410-PM10-108**



**High Efficiency**

Higher power conversion efficiency benefited from advanced SpolarPV technology.



**Anti-reflection**

Less than 20% reflectivity with minimum glare.



**Good Mechanical Load**

Certified to withstand: wind load (2400 Pa), snow load and hail strike(5400 Pa) .



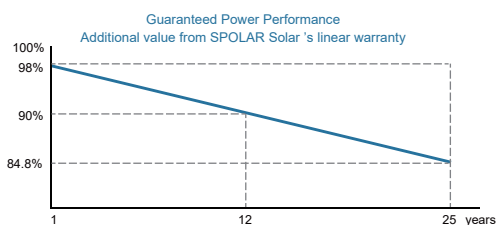
**Low Light Resilience**

Advanced glass and cell surface texture designs ensure excellent performance in low light environment.



**Environmental Durability**

Good performance of Anti-PID & Salt mist certified by 2 PfG 2387/01.18 and IEC61701.



**12**  
years  
Product warranty

**25**  
years  
Linear power warranty

