

S6-PV60K-M

Solis Energy Storage PV Module

Features:

- High conversion efficiency up to maximum >99%
- Wide string voltage range from 180V to 880V
- Support different applications on DC-coupled systems
- Modular design and rack-mounted installation
- Support control by PCS & EMS

Models:

S6-PV60K-M



DATASHEET

S6-PV60K-M

Models	60K
Input DC (PV side)	
Input power	60 kW
Max. input voltage	1000 V
Rated voltage	500 V
Start-up voltage	200 V
MPPT voltage range	180-880 V
Full load MPPT voltage range	500-800 V
Max. input current	120 A
Output DC (Bus side)	
Max. output voltage	880 V
Working voltage range	650-880 V
Rated output current	92 A
Max. output current	100 A
Efficiency	
MPPT efficiency	>99.9%
Max. conversion efficiency	99.0%
Protection	
Surge protection	II (PV) / II (DC BUS)
Ground fault monitoring	Yes
Integrated PID recovery	Yes
DC reverse-polarity protection	Yes
Protection class/Over voltage category	I/II
General Data	
Dimensions (W*H*D)	440*88*550 mm
Weight	23 kg
Operating ambient temperature range	-25 ~ +60°C
Noise emission (typical)	<75 dB(A)
Ingress protection	IP 20
Cooling concept	Intelligent redundant fan-cooling
Max. operation altitude	4000 m
Safety standard	IEC 62109
Features	
DC connection	OT terminal
AC connection	OT terminal
Display	LED
Communication	CAN, RS485