

S6-PV60K-M

Solis Energy Storage PV Module

Features:

- High conversion efficiency up to maximum >99%
- Wide string voltage range from 180V to 880V
- Supports different applications on DC-coupled systems
- Modular design and rack-mounted installation
- Supports 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 |
| 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 |