

PV string input

| Model | EOPS-SL-5K | EOPS-SL-6K | EOPS-SL-8K | EOPS-SL-10K |
|-------------------------------------|------------|------------|------------|-------------|
| Max. power(kW) | 7.5 | 9 | 12 | 13 |
| Max. DC voltage(V) | 500 | | | |
| MPPT voltage range(V) | 120~500 | | | |
| Max.input current of single MPPT(A) | 14 | | | |
| No. of MPPT trackers | 4 | | | |
| No. of strings per MPPT trackers | 1 | | | |

AC output

| Model | EOPS-SL-5K | EOPS-SL-6K | EOPS-SL-8K | EOPS-SL-10K |
|---------------------------|---|------------|------------|-------------|
| Rated output power(kVA) | 5 | 6 | 8 | 10 |
| Max. apparent Power (kVA) | 5.5 | 6.6 | 8.8 | 11 |
| Rated output current(A) | 20.8 | 25 | 33.3 | 41.7 |
| Ac output voltage(V) | 120/240(split phase),240 (single phase) | | | |
| Frequency (Hz) | 50/60 | | | |
| PF | 0.8lagging-0.8leading | | | |
| THDi | < 3% | | | |
| AC output topology | Split phase, single phase | | | |

Battery

| Model | EOPS-SL-5K | EOPS-SL-6K | EOPS-SL-8K | EOPS-SL-10K |
|----------------------------------|--------------------|------------|------------|-------------|
| Battery voltage range(V) | 40~58 | | | |
| Max. charging voltage(V) | 58 | | | |
| Max. charge/discharge current(A) | 120/120 | 135/135 | 190/190 | 190/210 |
| Battery type | lithium /Lead-acid | | | |
| Communication interface | CAN/RS485 | | | |

EPS output

| Model | EOPS-SL-5K | EOPS-SL-6K | EOPS-SL-8K | EOPS-SL-10K |
|-------------------------------|--|------------|------------|-------------|
| Rated power(kVA) | 5 | 6 | 8 | 10 |
| Rated output voltage(V) | 120/240 (split phase),240 (single phase) | | | |
| Rated output current(A) | 20.8 | 25 | 33.3 | 41.7 |
| Rated frequency(Hz) | 50/60 | | | |
| Automatic switchover time(ms) | < 10 | | | |
| THDu | < 2% | | | |
| Overload capacity | 125%,60S /150%,1S | | | |

General data

| Model | EOPS-SL-5K | EOPS-SL-6K | EOPS-SL-8K | EOPS-SL-10K |
|-------------------------------|-------------------------|------------|------------|-------------|
| Max. efficiency | ≥98.2% | | | |
| CEC efficiency | ≥97.2% | | | |
| Ingress protection | IP65/NEMA 3R | | | |
| Operation temperature (°C) | -25 ~ 60 (>45 Derating) | | | |
| Noise emission(dB) | <25 | <29 | <29 | <29 |
| Cooling | Forced air | | | |
| Relative humidity | 0 ~95% (non-condensing) | | | |
| Operating altitude | 2,000m(>2,000 Derating) | | | |
| Dimensions W *D *H (mm) | 460*225*760 | | | |
| Net weight (kg) | 41 | | | |
| Topology | Non-isolated | | | |
| Self-consumption at night (W) | <25 | | | |

Display and communication

| Model | EOPS-SL-5K | EOPS-SL-6K | EOPS-SL-8K | EOPS-SL-10K |
|---|---|------------|------------|-------------|
| Display | LCD/touch screen | | | |
| Interface:RS485/Wifi/4G/ CAN/Bluetooth | Yes | | | |
| Safety standard | UL1741, CSA C22.2 No. 107.1:16,UL1998 | | | |
| EMC | FCC Part 15, Class B | | | |
| On-grid | IEEE1547, CPUC Rule21, SRD V2.0, UL1741 SA, UL1741 SB | | | |
| DCARC-Fault | UL1699B | | | |