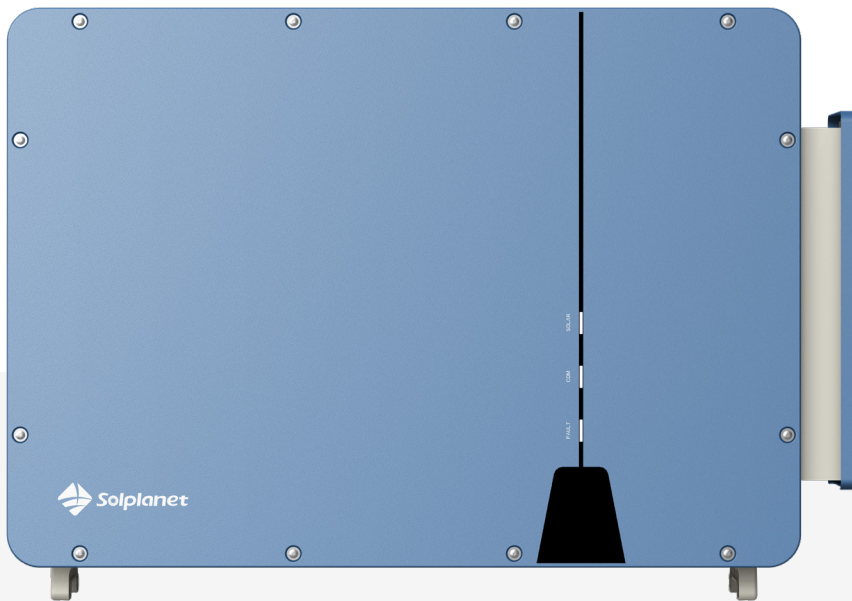


Three Phases Inverters 250 to 360 kW

ASW HT Series



Model:
ASW 360K-HT



Safe & Reliable

- ABUS to enhance communication stability and reduce cable costs
- Designed to operate in challenging global environmental conditions
- DC connector and AC terminal temperature detection
- High operation capability in weak grid
- Smart DC connector disconnection



Minimizing LCOE

- Maximizing yield by leading conversion efficiency > 99%
- Compatible with max. 500 mm² AC cables
- Night and day time reactive power control
- 75 A per MPPT, compatible with high current PV modules



Smart O&M

- Secured and reliable remote firmware upgrade simplifying long-term operation
- Smart I-V Curve tracing for easy diagnostics
- Smart self-cleaning fans
- Anti-PID solution to mitigate PV module degradation

| | | |
|--------------|---|---|
| Input (DC) | Max. input voltage | 1500 V |
| | MPP voltage range / rated input voltage | 500V - 1500 V / 1080 V |
| | Min. input voltage | 500 V |
| | Start up input voltage | 550 V |
| | Max. operating input current per MPP | 75 A |
| | Max. short circuit current per MPP | 113 A |
| | No. of independent MPPT inputs / strings per MPPT input | 6 / 5 |
| Output (AC) | AC output power | 363000 VA @ 40°C 328000 VA @ 50°C |
| | AC nominal voltage | 800 V |
| | AC voltage range | 640 V - 920 V |
| | AC grid frequency / range | 50 Hz / 45 Hz - 55 Hz 60 Hz / 55 Hz - 65 Hz |
| | Max. output current | 262.0 A |
| | Adjustable power factor range | 0.8 leading to 0.8 lagging |
| | Feed-in phases | 3 / 3 - PE |
| | THD | < 3% |
| | Efficiency | Max. efficiency / European efficiency |
| Protection | Smart DC switch | ● |
| | AC / DC temprature detection | ● |
| | Anti-islanding protection | ● |
| | AC overcurrent protection | ● |
| | DC reverse-polarity protection | ● |
| | AC short circuit protection | ● |
| | PV string monitoring | ● |
| | DC surge protection | Type II |
| | AC surge protection | Type II |
| | Residual Current Monitoring Unit (RCMU) | ● |
| | Ground fault monitoring | ● |
| | Grid monitoring | ● |
| | Anti-PID | ○ |
| General data | Dimensions (W / H / D) | 1,158 / 760 / 382 mm |
| | Weight | ≤ 117.0 kg |
| | Operating temperature range | -30 °C ~ 60 °C |
| | Self-consumption (at night) | < 5 W |
| | Topology | Non-isolated |
| | Cooling concept | Smart forced cooling |
| | Protection degree | IP66 |
| | Relative humidity | 0 ~ 100 % (non-condensing) |
| | Max. operating altitude | 5000 m (> 4000m with derating) |
| Features | DC connector | DC Plug-in connector |
| | AC connector | OT / DT Terminal (Max.500mm ²) |
| | Display | LED , Bluetooth + APP |
| | USB | ● |
| | Communication | RS485 / ABUS |
| Compliance | Certificates and approvals (more available on request) | IEC 62109-1/2, IEC 61727, IEC 62116, IEC 61683, IEC 60068, EN 50549-2 |

● standard features / ○ optional features / - not available

Version: Jan 2026

*For reference only. Please refer to the official release for final content.

