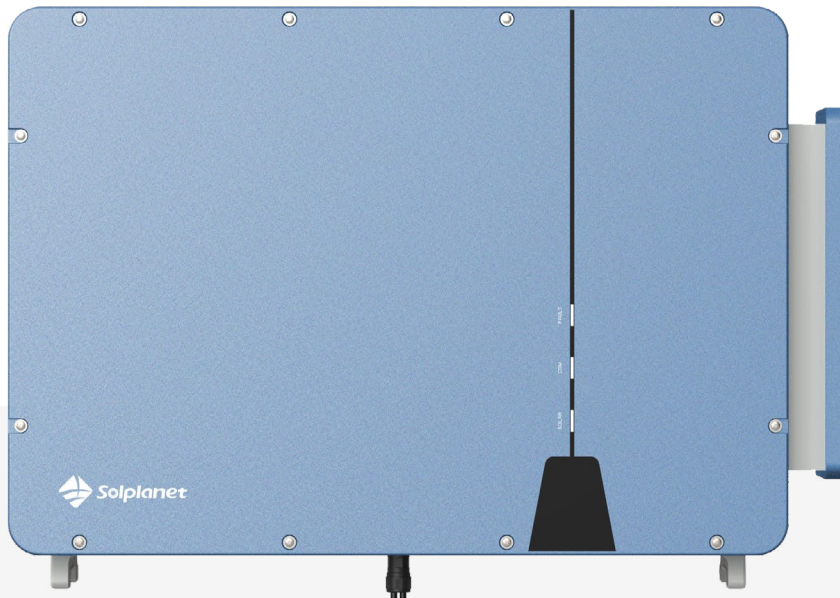


Three Phases Inverters 350 kW

# ASW HT Series



Models:  
ASW350K-HT



## High Yields

- MPPT current 75A, compatible with big PV module
- Tracker fusion solution
- Anti-PID solution reduce the PV module degradation
- Maximum efficiency >99%



## Smart O&M

- Smart IV curve diagnosis
- PV string monitoring
- PLC communication reduce cable costs and improve communication stability
- Reactive power function at night



## Safety & Reliable

- IP66&C5-M protection
- DC&AC terminal temperature detection
- High operation capability in weak grid
- Smart DC connector disconnection

# Technical Datasheet

ASW 350K-HT

Input (DC)	Max. input voltage	1500V
	MPP voltage range / rated input voltage	500V - 1500 V / 1080 V
	Min. input voltage	500 V
	Initial. feed-in voltage	550 V
	Max. operating input current	75A
	Max. short circuit current	113A
	No. of independent MPPT inputs / strings per MPPT input	6/5
Output (AC)	AC output power	352000 VA@30°C 320000 VA@40°C
	AC nominal voltage	800V
	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	254.0 A
	Adjustable power factor range	0.8 leading to 0.8 lagging
	Feed-in phases	3 / 3-PE
	Harmonic distortion (THD) at rated output	< 3%
Efficiency & Protection	Max. efficiency / European efficiency	99.01 % / 98.52 %
	DC switch	●
	Anti-islanding Protection	●
	AC Overcurrent Protection	●
	DC reverse connection protection	●
	AC short circuit protection	●
	PV string monitoring	●
	DC Surge Protection	Type II
	AC Surge Protection	Type II
	Residual Current Monitoring Unit	●
	Ground fault monitoring	●
	Grid monitoring	●
General data	Dimensions (W / H / D)	1,080 × 780 × 385 mm
	Weight	≤ 115 kg
	Operating temperature range	-30 °C ... +60 °C
	Self-consumption (at night)	< 5 W
	Topology	Non-isolated
	Cooling concept	Smart active cooling
	Degree of protection	IP66
	Max. permissible value for relative humidity (non-condensing)	0~100%
	Max. operating altitude	5000 m(>4000m derating)
Features	DC Connector	DC Plug-in connector
	AC Connector	OT/DT Terminal (Max.500mm²)
	Display	LED+Bluetooth APP
	USB	●
	Communication	RS485/ PLC
	Certificates and approvals (more available on request)	IEC 62109-1/2, IEC 61727, IEC 62116, IEC 61683, IEC 60086, EN 50549-1/2

● standard features ○ optional features

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