

Astris 25K/3P2T4

PN: SIN320250004ATCU0B

EAN: 6422956013493

Specifications

Efficiency

Max. Efficiency	98.4%
European Efficiency	98%

Input

Max. Input Voltage	1100V
Max. PV configuration (STC)	150%
Rated Input Voltage	620V
Max. Input Current	2 x 30A
Max.Short Circuit Current	2 x 40A
Start Input Voltage	180V
MPPT Operating Voltage Range	160V-1000V
Max. Number of PV Strings	4 (2/2)
No. of MPPTS	2

Output (Grid)

Rated AC Active Power	25,000W
Max. AC Apparent Power	25,000VA
Max. AC Active Power (PF=1)	25,000W
Max. AC Output Current	3 x 39.8A
Rated AC Voltage	380V / 400V / 415V, 3W+N+PE
AC Voltage Range	260V-510V (Adjustable)
Rated Grid Frequency	50Hz/60Hz
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz (Adjustable)
THDI	<3% (Rated Power)
DC Current Injection	<0.5%In
Power Factor	0.99 Rated power (Adjustable 0.8 Leading-0.8 Lagging)

Protection

DC switch	Support
Anti-islanding protection	Support
AC overcurrent protection	Support
AC short circuit protection	Support



Superior Efficiency



High Reliability



Intelligent Maintenance

- Maximum efficiency 98.4%
- String current 40A, compatible with high power modules
- 150% PV configuration, 110% output overload
- IP66 waterproof and dustproof, C5 anti-corrosion
- Compatible with wide power grid voltage and high harmonic power grid environment
- DC/AC SPD optional, AFCI detection optional
- Remote configuration and upgrade
- Supports export power control

DC reverse connection	Support
Surge Arrester	DC Type III (Optional) / AC Type III
Insulation detection	Support
Leakage current protection	Support

General

Topology	Transformerless
IP Rating	IP66
Night Self Consumption	<1W
Cooling	Fan cooling
Operating Temperature Range	-25°C-60°C
Relative Humidity Range	0-100%
Max. Operating Altitude	4000m
Noise (typical)	<45dB

HMI & COM




Display	Wireless & APP+LED, LCD (Optional)
Communication	WiFi (included) Optional: GPRS / RS485 /LAN

Physical

Product dimensions	398 x 460 x 190 mm
Product weight	23 Kg



Logistics

	Carton Box Size (LxWxH)	500 x 470 x 361 mm
	Pieces in the Carton Box	1
	Net & Gross weight / CTN	20.3 Kg / 23.95 Kg

Certificates

RoHS 
2011/65/EU

Safety	IEC62109-1, IEC62109-2
Grid Code	VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007- 1, RD 1699/661&413, IEC 61727/62116, AS4777.2

