

EA2KSI / EA2.5KSI / EA3KSI

- Compact and light weight
- Contemporary design
- High efficiency 98.2% (high efficiency model)
- Wide MPPT range 90 ~ 550 V
- Industrial-grade high quality components
- IP65 waterproof and dustproof
- Intelligent Monitoring via smart phone



Technical Data

MODEL	EA2KSI	EA2.5KSI	EA3KSI
INPUT (DC)			
Max. input power	2600 W	3250 W	3900 W
Max. input voltage		600 V	
Start-up voltage		120 V	
MPPT voltage range		90 - 550 V	
Rated input voltage		360 V	
MPPT voltage range at full load	200 - 480 V	250 - 480 V	300 - 480 V
Max. input current		11 A	
Max. short circuit current		12 A	
Number of MPPTs		1	
OUTPUT (AC)			
Max. output power	2000 W	2500 W	3000 W
Max. output current	8.7 A	10.9 A	13 A
Rated grid voltage		Single phase 230 Vac	
Grid voltage range		180 - 280 Vac	
Rated grid frequency		50 / 60 Hz	
Grid frequency range		45 - 55 Hz / 55 - 65 Hz	
THD		< 3% (rated output power)	
DC component		< 0.5% × rated output current	
Power factor		> 0.99 (rated output power)	
Power factor adjustable		0.8 leading ~ 0.8 lagging	
EFFICIENCY			
Max. efficiency		97.8%	
European efficiency		97.3%	
OTHERS			
Protections	Islanding protection, output short-circuit protection, leakage current protection, DC reverse polarity protection, DC input impedance detection, DC switch		
Communications	RS485, Wi-Fi/Ethernet (optional), GPRS (optional)		
Display	LED indicators		
Self-consumption at night	< 0.5 W		
IP rating	IP 65		
Cooling	Natural cooling		
Installation method	Wall-mounted		
DC wiring terminal	MC4		
AC wiring terminal	Plug and play		
Standards	IEC/EN 62109-1, IEC/EN 62109-2, VDE 0126-1-1, VDE AR-N-4105, AS/NZS 4777.2, CEI 0-21, EN 50438, IEC 61683, IEC 61727, IEC 62116, ABNT NBR 16149, ABNT NBR 16150		
Operating temperature	-25°C ~ +60°C (> 45°C downgrading)		
Relative humidity	0% ~ 100% (non-condensing)		
Altitude	4000 m (> 2000 m downgrading)		
Noise	< 40 dB		
Dimensions (W×D×H) (mm)	308 × 116.5 × 353		
Packaged dimensions (W×D ×H) (mm)	375 × 205 × 455		
Net weight (kg)	8.0		
Gross weight (kg)	9.5		

• The AC voltage and frequency range may vary depending on specific country grid.

Disclaimer:

- These data in this document are tested under specified conditions. It may result in difference between actual results and these data due to some uncertain factors. The statement about this product is for reference only. It makes no representation or warranty.
- All specifications are subject to change without notice.