

EVYA

S2KWP1 / S3KWP1 / S3K6KWP1 / S4KWP1

Grid-Tied Inverter

Application: Residential Use | Single phase & single MPPT


 Efficienza
fino a
97.8%

**1
MPPT**

 Protezione
IP66


SINGLE PHASE SINGLE MPPT

E

Massima Efficienza

- Efficienza massima fino al 97.8%
- Compatibile con moduli FV di grandi dimensioni e rete elettrica con ampia range di tensione

S

Smart & Intelligente

- Monitoraggio consumi in tempo reale
- Configurazione e upgrade da remoto
- Commissioning rapido con app mobile

R

Affidabilità & Sicurezza

- Protezione IP66 per installazione esterna
- Protezioni integrate multiple
- Funzione AFCI 2.0 opzionale

C

Connettività Avanzata

- Comunicazione RS485/ Wi-Fi / 4G / LAN
- Display wireless & APP + LED
- Monitoraggio intelligente stringa

Parameter	evya s2kwp1	evya s3kwp1	evya s3k6kwp1	evya s4kwp1
Efficiency				
Max. Efficiency	97.8%			
European Efficiency	97.0%			
Input (PV)				
Max. Input Voltage	550V			
Max. PV Configuration (STC)	150%			
Rated Input Voltage	360V			
Max. Input Current	20A			
Max. Short Circuit Current	30A			
Start Input Voltage	50V			
MPPT Operating Voltage Range	40V-540V			
Number of MPPTs	1			
No. of PV Strings	1			
Output (Grid)				
Rated AC Active Power	2,000W	3,000W	3,600W	4,000W
Max. AC Apparent Power	2,200VA	3,300VA	3,960VA	4,400VA
Max. AC Output Current	10A	15A	18A	20A
Rated AC Voltage	220V/230V/240V, L+N+PE			
AC Voltage Range(1)	160V-300V (Adjustable)			
Rated Grid Frequency	50Hz/60Hz			
Grid Frequency Range(2)	45Hz-55Hz/55Hz-65Hz (Adjustable)			
THDi	<3%@Rated Power			
DC Current Injection	<0.5%@Rated Current			
Power Factor	> 0.99@Rated power (Adjustable 0.8 LD - 0.8 LG)			
Protection				
DC Switch	Yes			
Anti-islanding Protection	Yes			
AC Overcurrent Protection	Yes			
AC Short Circuit Protection	Yes			
DC Reverse Protection	Yes			
Surge Arrester	DC Type III (Type II optional)/AC Type III (Type II optional)			
Insulation Detection	Yes			
Leakage Current Protection	Yes			
AFCI 2.0	Optional			
PID Recovery	Optional			
String Intelligent Monitoring	Yes			
Consumption Monitoring	Optional			
General				
Topology	Transformerless			
IP Rating	IP66			
Night Self Consumption	<1W (Standard)			
Cooling Method	Natural Cooling			
Operating Temperature Range	-25°C~60°C			
Relative Humidity Range	0-100%			
Max. Operating Altitude	4000m			
Dimensions (W*H*D)	270mm*255mm*135mm			
Weight	4.4kg			
HMI & COM				
Display	Wireless & APP+LED LCD (Optional)			
Communication Interface	RS485/Wi-Fi/4G/LAN			
Certification				
Safety	IEC 62109-1, IEC 62109-2			
Grid Code	IEC 61727/62116, IEC 60068, IEC 61683, VDE 4105, PORTARIA nº 140, PORTARIA nº 515			
Warranty	10 Years			

Remarks: (1)(2) The range of output voltage and frequency may vary depending on different grid codes. Specifications are subject to change without advanced notice.