

## EcoSavvy Series String Inverter

### HYX-S(2-3.6)K-S2

Version 1.1-2604  
Design and specifications are subject to change without notice



#### High Efficiency

- 98.3% Industry-Leading Efficiency
- Low Loss SiC Technology



#### Advanced Performance

- 50°C Full Power Stability
- 40V Low Startup Voltage
- 140-300V Wide AC Range



#### Strong Compatibility

- 20A Design, Adaptable to 700W+ Modules
- Single CT or Smart Meter for Export Control
- IP66 Outdoor Durability



#### User-Friendly Design

- 4.5kg, One Hand Installation
- 24dB Ultra Quiet Operation
- Optional LCD, Direct Control

## Technical Specifications

HYX-S2K/2K5/3K/3K6-S2

Product Model	HYX-S2K-S2	HYX-S2K5-S2	HYX-S3K-S2	HYX-S3K6-S2
<b>PV Input</b>				
Max. Input Power	3200W	4000W	4800W	5760W
Max. Input Voltage	600V			
Nominal Input Voltage	360V			
Start-up Voltage	40V			
MPPT Operating Voltage Range	40 ~ 560V			
MPPT Full Load Voltage Range	200-450V	240-450V	280-450V	300-450V
Max. Input Current Per MPPT	20A			
Max. Short-Circuit Current	25A			
Number of MPPT	1			
Max. Input Number Per MPPT	1			
<b>AC Output</b>				
Nominal Output Power	2000W	2500W	3000W	3600W
Max. Apparent Power	2200VA	2750VA	3300VA	3600VA
Nominal Output Voltage	1 / N / PE, 220V / 230V / 240V			
Nominal AC Grid Frequency	50 / 60Hz			
Nominal Output Current	9A	11.3A	13.6A	16.3A
Max. Output Current	10A	12.5A	15A	16.3A
Adjustable Power Factor	0.8 leading...0.8 lagging			
THDi	< 3%			

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Product Model	HYX-S2K-S2	HYX-S2K5-S2	HYX-S3K-S2	HYX-S3K6-S2
<b>Efficiency</b>				
Max. Efficiency				98.3%
European Weighted Efficiency				97.6%
MPPT Efficiency				99.9%
<b>Protection</b>				
Active Anti-islanding Protection				Yes
Residual Current Monitoring				Yes
DC Switch				Yes
AC Short-circuit Protection				Yes
AC Overvoltage Protection				Yes
AC Overcurrent Protection				Yes
DC Surge Protection				Type II
AC Surge Protection				Type II
Ground Fault Detection				Yes
AFCI				Yes
<b>General Data</b>				
Operating Temperature Range				-25 ~ + 60°C
Relative Operating Humidity				0 ~ 100% RH
Operating Altitude				4000m
Cooling				Natural Cooling
Display				LED+App (LCD Optional)
Communication				RS485 / 4G (Optional) / WIFI
Weight				≤4.5kg
Dimensions (W*H*D)				274*234*109 mm
Topology				Non-Isolated
Degree of Protection				IP66
Overvoltage Level				PV II / AC III