



STRING INVERTER

HYX-S15K/17K/20K/25K-T

Reliable

- Type II surge protection
- 200m detection distance of AFCI, shutdown within 0.5 second at fastest
- Ip66, suitable for harsh installation environment

Efficient

- 160% DC oversizing, 98.5% conversion efficiency, wide MPPT voltage range
- Support PLC communication and adapt to optimizer
- 40A large current, compatible with major module types

Simple

- Minimalist and stylish product design
- Three-step quick installation
- Rapid APP configuration, efficient and convenient

Intelligent

- APP intelligent O&M, all-weather power station management
- Visual display, energy gain and data updated in real time
- Intelligent IV curve diagnosis, fast debugging



Technical Specifications

Product Model	HYX-S15K-T	HYX-S17K-T	HYX-S20K-T	HYX-S25K-T
PV Input				
Max. Input Power	24,000W	27,200W	32,000W	40,000W
Max. Input Voltage	1,100V			
Nominal Input Voltage	600V			
Start-up Voltage	160V			
MPPT Operating Voltage Range	192 - 850V	215 - 850V	250 - 850V	315 - 850V
MPPT Full Load Voltage Range	313 - 850V			
Max. Input Current Per MPPT	40A			
Max. Input Current Per String	20A			
Max. Short-Circuit Current	50A			
Number of MPP Trackers	2			
Max. Input Number Per MPP Tracker	2 / 2			
AC Output				
Nominal Output Power	15,000W	17,000W	20,000W	25,000W
Max. Apparent Power	16,500VA	18,700VA	22,000VA	27,500VA
Nominal Output Voltage	3L / N / PE, 220 / 380V, 230 / 400V			
Nominal AC Grid Frequency	50 / 60Hz			
Nominal Output Current	22.8A / 380V 21.7A / 400V	25.8A / 380V 24.5A / 400V	30.4A / 380V 28.9A / 400V	38.0A / 380V 36.1A / 400V
Max. Output Current	25.2A / 380V 23.9A / 400V	28.6A / 380V 27.1A / 400V	33.6A / 380V 31.9A / 400V	42.0A / 380V 39.9A / 400V
Adjustable Power Factor	0.8 leading...0.8 lagging			
THDi	< 3%			
Efficiency				
Max. Efficiency	98.5%			
European Weighted Efficiency	98.2%			
MPPT Efficiency	99.9%			
Protection				
Active Anti-islanding Protection	General Electric Frequency Shift			
Residual Current Monitoring	Yes			
DC Reverse Polarity Protection	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			
PID recovery	Optional			
General Data				
Operating Temperature Range	-30 to + 60°C			
Relative Operating Humidity	0 ~ 100 %RH			
Operating Altitude	4,000m			
Cooling	Smart Air Cooling			
Display	WLAN+App			
Communication	RS485 / 4G / WIFI			
Weight	27kg			
Dimensions (W*H*D)	519*426*192mm			
Topology	Non-Isolated			
Degree of Protection	IP66			
Overvoltage Level	PV II / AC III			
Optimizer Model	HYX-OP700			

※ Design and specifications are subject to change without notice.

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