

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



Product Model	HYX-S15K-T	HYX-S17K-T	HYX-S20K-T	HYX-S25K-T
PV Input				
Max. Input Power (W)	24,000	27,200	32,000	40,000
Max. Input Voltage (V)	1100			
Nominal Input Voltage (V)	600			
Start-up Voltage (V)	160			
MPPT Operating Voltage Range (V)	140 - 1000			
Max. Input Current Per MPPT (A)	40			
Max. Short-circuit Current (A)	50			
Number of MPP Trackers	2			
Max. Input Number Per MPP Tracker	2 / 2			
AC Output				
Nominal Output Power (W)	15,000	17,000	20,000	25,000
Max. Apparent Power (VA)	16,500	18,700	22,000	27,500
Nominal Output Voltage (V)	3L / N / PE, 220 / 380, 230 / 400			
Nominal AC Grid Frequency (Hz)	50 / 60			
Nominal Output Current (A)	22.8	25.8	30.4	38.0
Max. Output Current (A)	25.2	28.6	33.6	42.0
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				
Anti-islanding Protection	Yes			
Insulation Monitoring	Yes			
Residual Current Monitoring	Yes			
DC Reverse Polarity Protection	Yes			
DC Switch	Yes			
AC Overfrequency/Underfrequency Protection	Yes			
AC Overcurrent Protection	Yes			
AC Short-circuit Protection	Yes			
AC Overvoltage Protection	Yes			
AFCI	Yes			
DC/AC Surge Protection	Type II			
PID recovery	Optional			
DC Insulation Resistance Detection	Yes			
Grounded Fault Detection	Yes			
General Data				
Operating Temperature Range (°C)	-30 to + 60			
Relative Operating Humidity (RH)	0 ~ 100 %			
Operating Altitude (m)	4,000			
Cooling	Smart Air Cooling			
Display	WLAN / App			
Communication	RS485 / 4G / WIFI			
Weight(kg)	21			
Dimensions (W*H*D mm)	510*405*205			
Topology	Non-Isolated			
Degree of Protection	IP66			
Overvoltage Level	PV II / AC III			
Optimizer Model	HYX-OP700			