

TC1000KH-M



No DC distribution cabinet required, higher power density can be achieved.



Modularized and front-door maintenance design are adopted, considerable low maintenance cost.



Metal film DC-link capacitors with long life span of 25 years.



IEC, TUV and CE Certification.



Model	TC1000KH-M
Input (DC)	
Max. DC Power (at $\cos\phi=1$)	1134kW
Max. DC Voltage	1000V
MPPT Voltage Range	550-950V
Startup Voltage	550V
Max. DC Current	2062A
Independent MPPT Number	1~2
Max. Number of Inputs	12
Output (AC)	
Rated AC Power	1000kVA
Max. AC Power*	1100kVA
Rated AC Voltage	380V
Rated Grid Frequency	50Hz
THD of AC Current	<3%
Power Factor	0.9 (leading) ~ 0.9 (lagging), adjustable
Rated AC Current	1519A
Efficiency	
Max. Efficiency	98.7%
European Weighted Efficiency	98.2%
Mechanical Data	
Dimension (W/H/D)	2400 × 2150 × 700mm
Weight	2000kg
General Data	
Ambient Temperature Range	-25 to +60°C (Above 50°C, derating)
Ambient Humidity Range	5 to 95 % (no condensation)
Max. Operating Altitude	3,000m
Night Power Consumption	<100W
Isolation Type	Transformer less
Cooling Method	Forced air
Protection Rating	IP20
Display and Communication	
Display	LCD
Communication Interface	RS485
Warranty	
Standard Warranty	5 Years

*Notes: 110% AC output at 50 °C