

Commercial Medium Power Inverter



High Efficiency

Max. DC voltage 1100V.
Max efficiency 99.0%.
Double channels of MPPT.
High precision & intelligent string detection.

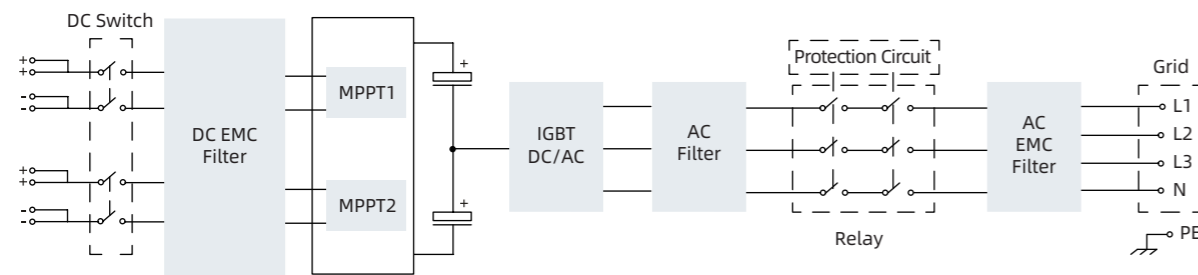


Reliable

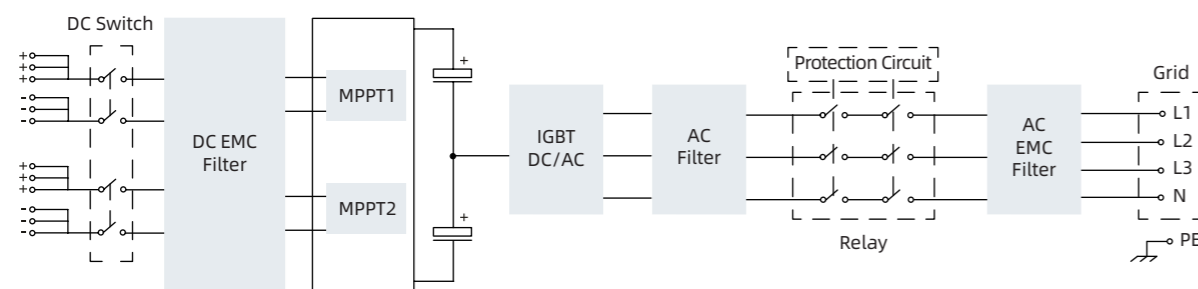
10K~22K natural cooling, 25K~33K smart air cooling.
Compact structure, easy for installation and maintenance.
Reliable under/over voltage protection, anti-islanding.
Built-in AC and DC lightning protection module and provide full range of lightning protection.
Mobile phone APP and check the status information of inverter.

Topological Graph

10~22K



25~33K



Technical Parameters

Model		hopeSun 10KTL	hopeSun 12KTL	hopeSun 15KTL	hopeSun 17KTL	hopeSun 20KTL	hopeSun 22KTL	hopeSun 25KTL	hopeSun 30KTL	hopeSun 33KTL
DC Input	Max. DC Voltage	1100V								
	MPPT Voltage Range	250V ~ 1000V								
	Max. Input Current of Each MPPT	13A	26A / 13A		26A		39A			
	Number of DC Inputs	2	3		4		6			
	MPPT Number	2								
AC Output	Rated Output Power	10kW	12kW	15kW	17kW	20kW	22kW	25kW	30kW	33kW
	Max. Active Power (cosθ=1)	11kW	13.2kW	16.5kW	18.7kW	22kW	24.2kW	27.5kW	33kW	36.3kW
	Rated Output Voltage	400V (Three Phase)								
	Operating Voltage Range	400V±20%								
	Rated Output Current	14.4A	17.3A	21.7A	24.5A	29A	32A	36A	43.3A	47.6A
	Max. Output Current	15.8A	19.1A	23.8A	27A	32A	35A	39.7A	47.6A	
	Rated Grid Frequency	50Hz / 60Hz								
	Power Factor	0.8 (Leading) ~ 0.8 (Lagging)								
	THD	<3%								
	Max. Efficiency	98.60%	98.61%	98.62%	98.63%	98.65%	98.94%	99.00%	98.80%	
European Efficiency	98.30%						98.26%	98.50%	98.26%	
AC/DC SPD	Support									
Insulation Impedance Detection	Support									
Residual Leakage Current Detection	Support									
PV String Fault Detection	Support									
Output Overcurrent Protection	Support									
Protection Level	IP65									
Operating Temperature Range	-40°C ~ +60°C									
Cooling System	Natural Cooling						Smart Air Cooled			
Standby Power Consumption	<1W									
Topology Structure	Transformerless									
Operating Altitude	5000m (Derating above 4000m)									
Display	LED Indicator + APP									
Communication	RS485 / WiFi / GPRS									
Certification	IEC62109 / IEC61000 / IEC62116 / IEC61727 / CQC / CGC									
Mechanical Parameters	Dimensions (W*H*D)	485*485*266mm								
	Weight	<30kg						<35kg		