

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	14A	17A	22A	25A	29A	32A	36A	43.3A	47.6A	
	Max. Output Current	16A	19A	24A	27A	32A	35A	39.7A	47.6A		
	Rated Grid Frequency	50Hz / 60Hz									
	Power Factor	0.8 (Leading) – 0.8 (Lagging)									
	THD	<3%									
System Parameters	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℃ – +60℃									
	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			