

4. Technical Data

		DSP - 123K2(A)	DSP-1222K2(A)	DSP-1217K2(A)
Input	Max. DC Power	3300W	2400W	1900W
	Max. DC voltage	500V	500V	500V
	MPPT voltage range	200V ~ 450V	180V ~ 400V	150V ~ 400V
	Min DC voltage/ Start voltage	100V / 200V	100V / 200V	100V / 200V
	Max. input current	15A	13.5A	12.5A
	Number of MPP trackers/ String per MPP tracker	1 / 2	1 / 2	1 / 1
	Control method	Max. Power Point Tracking Control (MPPT Control)		
Output	Nominal AC power	3000W	2200W	1700W
	Nominal AC voltage / range	230V / 202V ~ 264V		
	Max. output current	13A	11A	8.5A
	AC grid frequency (Auto-adjusting)	50Hz, +1.0/-2.0Hz		
	Gird connection	1 Phase 3 Wires Type (A.N.PE)		
	Power factor	0.95 or above		
	Current (Current THD)	Total Below 5%		
		Individual Harmonics 3% or under		
	Control method	PWM method		
	Anti-islanding	Within 0.5 sec		
	Overload	110%		
	Efficiency	96% or above		
Structure	Cooling method	Natural air cooling		
	Protection structure	IP 65		
	External dimension (W x H x D)	430mm x 300mm x 150mm		
	Weight	14.1kg		
External interface		RS232C/RS485		
Topology		Transformer-less type		
Protection function	Inverter	Input overvoltage, short circuit of output, over-load, protecting inverter from overheating, short of fuse and preventing DC output		
	System	Anti-islanding(IEEE1547,AS 4777.3), over/under voltage of grid, over/under frequency of grid		
Environment for operation	Ambient temperature	-10 °C ~ 50 °C		
	Storage temperature	-20 °C ~ 65 °C		
	Ambient humidity	Relative humidity below 90% (No Dewfall)		
	Altitude & vibration	1,000 m or under · 5.9m/sec ² (=0.6g) or under		
	Others	Corrosive gas, flammable gas, oil mist and dust not to exist.		

※ Specifications of this product may change without prior notice for quality improvement, etc. Please contact us for more information before you purchase it.