

2016 NEWLY LAUNCHED Photo-Voltaic 1P Inverter 3kW High-voltage type, DSP-123K5-OD



SPECIFICATION

Input	Operating start voltage	150V
	Operating voltage range	100V – 500V
	MPPT DC voltage range	100V – 400V
	Rated voltage	350V
	Maximum open circuit voltage	500V
	Control method	Maximum Power Point Tracking(MPPT) control, PWM
Output	Nominal AC Power	3.1kW
	Rated voltage	System voltage : 220V (±10%)
	Frequency variation rate	System frequency (60Hz ±0.2Hz)
	Power factor (cos φ)	0.99 or higher
	EURO Efficiency	96.76%
	Protection method	DC reverse polarity, Ground fault, DC Over Voltage, Over load, Over heat, AC short circuit, AC Over/under voltage, Over/under frequency, Anti-islanding (IEEE1547)
Structure	Cooling method	Natural air cooling
	Degree of Protection	IP 65 / Outdoor type
	Operating temperature/humidity	-20°C ~ 50°C / <90% RH (Non-Condensing)
	Outer dimension (W x H x D)	305 × 380 × 135.5
	Total weight	9.6kg
General	Display	Character or Graphic LCD
	Communication Interface	RS232C / RS485
	Warranty	5years / Extended

※Above is subject to change without prior notice

EFFICIENCY

