



Grid-Tied PV Inverter

DSP-123K2 (3KW)



DSP-123K2

ADVANTAGES

- Max. efficiency of 96% or more
- Transformer-less
- Outdoor type(IP65)
- Light weight(14Kg)
- Easy to install and convenient to handle

Photon	
DAS SOLARSTROM-MAGAZIN	
Dasstech DSP-123K2	
gut	
95.1% für mittlere Einstrahlung	01/2011
www.photon.de	

Photon	
DAS SOLARSTROM-MAGAZIN	
Dasstech DSP-123K2	
gut	
95.7% für hohe Einstrahlung	01/2011
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Technical Data Single Phase

3KW



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363-883
Tel : +82-43-218-5670
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www.dasstech.com

Model	DSP-123K2
Input (DC)	
Max. DC power	3300W
Max. DC voltage	500V
Starting voltage	200V
PV-Voltage range(MPPT)	100V-450V
Recommended range of nominal power	200V-450V
Max. input current	15A
Number of MPP trackers	1
Max. number of string(parallel)	2
Output(AC)	
Nominal AC output	3000W
Nominal AC voltage / range	220V-240V / 180V-280V
Max. output current	13A
AC grid frequency	50Hz, 60Hz /auto-adjusting
AC Connection	Single phase
Number of wires	2
Efficiency	
Max. efficiency / Euro	96.7% / 95.99%
General Data	
Cooling concept	Convection
Installation : indoor / outdoor	IP 65 / IP 65
Dimension(W/H/D) in mm	430*300*150
Weight	14kg
Topology	Transformer-less
Operating temperature range	-10°C and +50°C
Consumption : operating(standby) / night	<10W(6W) / X
DC reverse polarity protection	Yes
Protection devices	
AC short-circuit protection	Yes
Ground fault monitoring	Yes
Anti-islanding	Yes
Over/under frequency	Yes
Over/under voltage	Yes
Over Load / Over Heat	Yes
DC connection (QC4 / MC4)	QC4/MC4
Features	
AC connection	Plug connector
Display	LCD character (English)
Interface	RS232 or RS485
Warranty	5 years
Certificates	CE, TUV , AS4777

※ Specifications subject to change without prior notice.

