



Soleaf

# Grid-Tied PV Inverter

DSP-3315K (15KW)  
DSP-3320K (20KW)  
DSP-3325K (25KW)  
DSP-3330K (30KW)



## ADVANTAGES

- Max efficiency is more than 96%
- MPPT efficiency is more than 99%
- Light weight as transformerless type / easy to install and convenient to handle
- Wide Input voltage range → DC450~820V



# Technical Data Three Phase

15KW, 20KW, 25KW, 30KW



319-1, Songdae-ri, Ochang-eup,  
Cheongwon-gun, Chungbuk, Korea.  
363-883  
Tel : +82-43-218-5670  
Fax : +82-43-218-5671  
www.dasstech.com

Model	DSP-3315K	DSP-3320K	DSP-3325K	DSP-3330K
<b>Input (DC)</b>				
Max DC power	17.25kW	22kW	28.75kW	33kW
Max DC voltage	820V	820V	820V	820V
PV-voltage range (MPPT)	200~820V(Starting voltage:400V)			
Max input current	45A	60A	75A	90A
Number of MPP trackers	1	1	1	1
Max number of parallel strings	5	5	7	7
<b>Output(AC)</b>				
Nominal AC output	15.0kW	20.0kW	25.0kW	30.0kW
Max AC power	16.5kW	21.0kW	27.5kW	31.5kW
Max output current	25A	32A	42A	48A
Nominal AC voltage	380V			
AC grid frequency	50/60Hz			
AC connection	Three Phase			
<b>Efficiency</b>				
Max efficiency/Euro	96.8/96.4	97.1/96.5	97.1/96.5	97.0/96.4
<b>Protection devices</b>				
Input over voltage	O	O	O	O
AC short-circuit protection	O	O	O	O
Ground fault monitoring	O	O	O	O
Grid monitoring	O	O	O	O
Anti-islanding(IEEE1547)	O	O	O	O
Over Load	O	O	O	O
Over Heat	O	O	O	O
<b>General data</b>				
Dimension(W/H/D) in mm	650*1455*500			
Weight	170Kg		190Kg	
Operating temperature range	-10°C ~50°C			
Consumption:operating (standby)/night	<15W(10W)/ X			
Topology	Transformer-less			
Cooling concept	Forced air cooling			
Installation	Indoor(IP20)			
<b>Features</b>				
Display	LCD Character(English)			
Interface	RS232 or RS485			



- Widely-used in large power plants and BIPV
- Basically transformer-less, but also available with transformer type.

