

DHN-SU600D-G0/B0

DHN-SU800D-G0/B0

DHN-SU920D-G0

DHN-SU1K5T-G0



Innovative Design of MicroInverter

# Technical Specifications

Model	DHN-SU600D-G0/B0		DHN-SU800D-G0/B0		DHN-SU920D-G0	DHN-SU1K5T-G0
<b>DC input</b>						
Maximum Input Voltage (V)	420					450
Mppt Voltage Range (V)	120-360	70-300	120-360	70-300	120-360	
Start-up Voltage (V)	50	40	50	40	50	
Rated Input Voltage (V)	190		200		240	320
Input Grid Connected Voltage (V)	180					
Input Off Grid Voltage (V)	160					
Full Load Input Voltage Range (V)	134-360	134-300	178-360	178-300	200-360	300-360
Input Overvoltage Protection Value (V)	410					435
Maximum Input Current (A)	4.5				4.2	5.2
Maximum Input Short-circuit Current (A)	4.6					5.7
Maximum Allowable Current Of Input Terminal (A)	6.5					
No.of Mpp Trackers	1					
No.of Strings Per Mpp Tracker	1					
<b>Ac Output</b>						
Rated Output Power (Va)	600		800		920	1500
Rated Output Voltage (V)	220/230					
Rated Output Frequency (Hz)	50/60					
Maximum Ac Output Current (A)	3.0		4.0		4.2	6.82
Power Factor	> 0.99 (0.9 leading...0.9 lagging)					
Total Harmonic Distortion	< 3%		< 2%		< 3%	
Grid Voltage Range (Vac)	180-270 (According to safety regulations)					
<b>Efficiency</b>						
Peak Efficiency	97.10%		97.16%		97.20%	97.55%
Cec Weighted Efficiency	97.00%		97.02%		97.05%	97.16%
Chinese Efficiency	97.10%		97.16%		97.20%	97.50%
Mppt Efficiency	> 99.95%					
<b>Basic Parameters</b>						
Ambient Temperature (°c)	-40~65					
Cooling	Natural cooling					
Communication	Wifi/PLC	Wifi	Wifi/PLC	Wifi	Wifi/PLC	
Weight (kg)	1.8	1.6	1.8	1.6	1.8	
Size (W×H×Dmm)	412×97×42.5	372×99×43	412×97×42.5	372×99×43	412×97×42.5	
Topology	Non-Isolated					
Night Power Consumption (W)	0					
Ingress Protection	IP65					
Protective Class	I					
<b>Certification Standards</b>						
Certifications	NBR16149/NBR16150					
	VDE AR-N 4105: 2018-11					
	NBT 32004-2018					
Compliance	IEC/EN 62109-1/-2					
	IEC/EN 61000-6-1/-2/-3/-4					
	IEC/EN 61000-3-2/-3					
Warranty	10 years					