

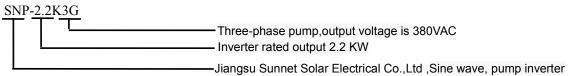
## Technical parameters

Model	SNP-45K3G	SNP-55K3G	SNP-75K3G
DC input side			
Maximum input voltage	880vdc	880vdc	880vdc
Recommend MPPT voltage range	460-850vdc		
Maximum DC input voltage	100A	122A	165A
MPPT MA(maximum accuracy)	99%	99%	99%
Input line	1	1	1
AC input side			
Maximum output power	45KW	55KW	75KW
Rated output voltage	380-460Vac3 phrase		
Output frequency range	0-50/60Hz		
Rated output current	86A	104A	142A
Mechanical parameter			
weight	34Kg	34Kg	48Kg
Size (W*H*D)	390mm*532mm*210mm		600mm*740mm*230mm
Maximum efficiency	98%	98%	98%
Projection grade	1		
IP grade	IP65		
Operate environment temperature	-25°C-+60°C; over 60°C derating		
Cooling-down way	强制冷却		
display	LCD		
communication	RS485/GPRS		
Elevation(altitude)	3000 米; over 3000 m derating		
Noise	<50db		
standards	EN50178;IEC/EN62109-1;IEC61800		

## roducts features

- Driving power matched three-phase ac pumps
- adopt import IGBT power module
- high conversion efficiency, low temperature rise, low noise, long service life
- advanced MPPT algorithm, tracking accuracy > 99%life
- automatic operate mode, reduce maintenance costs
- perfect protection mechanism and high reliability
- IP65 design, high IP grade outdoor models
- LCD display
- RS485, GPRS remote communication
- Modular design, convenient installation, operation and maintenance

## Products features



## Technical parameters

Model   SNP-90K3G   SNP-110K3G	·			
Maximum input voltage   Recommend MPPT voltage range   460-850vdc	Model	SNP-90K3G	SNP-110K3G	
Recommend MPPT voltage range   A60-850vdc	DC input side			
Maximum DC input voltage   205A   251A	Maximum input voltage	880vdc	880vdc	
MPPT MA(maximum accuracy)   99%   99%   99%	Recommend MPPT voltage range	460-850vdc		
Input line	Maximum DC input voltage	205A	251A	
AC input side  Maximum output power 90KW 110KW  Rated output voltage 380-460Vac3phrase  Output frequency range 0-50/60Hz  Rated output current 171A 209A  Mechanical parameter  weight 48Kg 48Kg Size (W*H*D) 585mm*690mm*225mm  Maximum efficiency 98% 98%  Projection grade 1  IP grade IP65  Operate environment temperature -25°C+60°C; over 60°C derating  Cooling-down way 強制冷却 display LCD  communication RS485/GPRS  Elevation(altitude) 3000 %: over 3000 m derating  Noise < 50db	MPPT MA(maximum accuracy)	99%	99%	
Maximum output power 90KW 110KW Rated output voltage 380-460Vac3phrase Output frequency range 0-50/60Hz Rated output current 171A 209A Mechanical parameter weight 48Kg 48Kg Size (W*H*D) 585mm*690mm*225mm Maximum efficiency 98% 98% Projection grade 1 IP grade IP65 Operate environment temperature -25℃+60℃; over 60℃ derating Cooling-down way	Input line	1	1	
Rated output voltage Output frequency range Output frequency range Rated output current Rated output current 171A 209A Mechanical parameter weight 48Kg Size (W*H*D) 585mm*690mm*225mm Maximum efficiency 98% Projection grade 1 IP grade IP grade Operate environment temperature Cooling-down way display display LCD communication RS485/GPRS Elevation(altitude) Noise  380-460Vac3phrase 380-460Vac3phrase 48Kg 209A 48Kg 48Kg 48Kg 48Kg 585mm*690mm*225mm 98% P8% PRS** SElevation(altitude) 380-460Vac3phrase 171A 209A 48Kg 48Kg 48Kg 48Kg 585mm*690mm*225mm 98% PRS** SElevation(altitude) 380-460Vac3phrase 380-460Vac3phrase 48Kg 48Kg 48Kg 585mm*690mm*225mm 98% PRS** SElevation(altitude) 380-460Vac3phrase 380-460Vac3phrase 48Kg 48Kg 48Kg 48Kg 585mm*690mm*225mm 98% PRS** SElevation(altitude) 380-460Vac3phrase	AC input side			
Output frequency range Rated output current 171A 209A  Mechanical parameter  weight 48Kg Size (W*H*D) 585mm*690mm*225mm  Maximum efficiency 98% Projection grade 1 IP grade IP grade Operate environment temperature Cooling-down way display display LCD communication RS485/GPRS Elevation(altitude) Noise  0-50/60Hz 209A 209A 209A 209A 209A 209A 209A 209A	Maximum output power	90KW	110KW	
Rated output current  Mechanical parameter  weight  Weight  Weight  Weight  Weight  Weight  Weight  Maximum efficiency  98%  Projection grade  IP grade  IP grade  Operate environment temperature  Cooling-down way  display  display  LCD  communication  RS485/GPRS  Elevation(altitude)  Noise	Rated output voltage	380-460Vac3phrase		
Mechanical parameter  weight 48Kg 48Kg  Size (W*H*D) 585mm*690mm*225mm  Maximum efficiency 98% 98%  Projection grade 1  IP grade IP65  Operate environment temperature -25°C++60°C; over 60°C derating  Cooling-down way 强制冷却  display LCD  communication RS485/GPRS  Elevation(altitude) 3000 米; over 3000 m derating  Noise <50db	Output frequency range	0-50/60Hz		
weight 48Kg 48Kg  Size (W*H*D) 585mm*690mm*225mm  Maximum efficiency 98% 98%  Projection grade 1  IP grade IP65  Operate environment temperature -25°C-+60°C; over 60°C derating  Cooling-down way 强制冷却  display LCD  communication RS485/GPRS  Elevation(altitude) 3000 米; over 3000 m derating  Noise <50db	Rated output current	171A	209A	
Size(W*H*D) 585mm*690mm*225mm  Maximum efficiency 98% 98%  Projection grade 1  IP grade IP65  Operate environment temperature -25℃+60℃; over 60℃ derating  Cooling-down way 强制冷却  display LCD  communication RS485/GPRS  Elevation(altitude) 3000 米; over 3000 m derating  Noise <50db	Mechanical parameter			
Maximum efficiency 98% 98% 98% Projection grade 1  IP grade IP65 Operate environment temperature -25℃+60℃; over 60℃ derating Cooling-down way 强制冷却 display LCD communication RS485/GPRS Elevation(altitude) 3000 米; over 3000 m derating Noise <50db	weight	48Kg	48Kg	
Projection grade 1 IP grade IP65 Operate environment temperature -25℃+60℃; over 60℃ derating Cooling-down way 强制冷却 display LCD communication RS485/GPRS Elevation(altitude) 3000 米; over 3000 m derating Noise <50db	Size (W*H*D)	585mm*690mm*225mm		
IP grade IP65  Operate environment temperature -25°C+60°C; over 60°C derating  Cooling-down way 强制冷却  display LCD  communication RS485/GPRS  Elevation(altitude) 3000 米; over 3000 m derating  Noise <50db	Maximum efficiency	98%	98%	
Operate environment temperature  Cooling-down way  display  LCD  communication  RS485/GPRS  Elevation(altitude)  Noise  -25℃-+60℃; over 60℃ derating  Kallepaly  LCD  RS485/GPRS  Source 3000 m derating  <50db	Projection grade	1		
Cooling-down way  display  LCD  communication  RS485/GPRS  Elevation(altitude)  Noise  <50db	IP grade	IP65		
display LCD communication RS485/GPRS Elevation(altitude) 3000 米; over 3000 m derating Noise <50db	Operate environment temperature	-25°C-+60°C; over 60°C derating		
communication RS485/GPRS Elevation(altitude) 3000 米: over 3000 m derating Noise <50db	Cooling-down way	强制冷却		
Elevation(altitude) 3000 米; over 3000 m derating Noise <50db	display	LCD		
Noise <50db	communication	RS485/GPRS		
	Elevation(altitude)	3000 米; over 3000 m derating		
standards EN50178·IEC/EN62109-1·IEC61800	Noise	<50db		
	standards	EN50178;IEC/EN62109-1;IEC61800		