光伏水泵逆变器 Photovoltaic water pump inverter

三相220V / 1100W / 1500W / 3000W / 3700W / 4000W

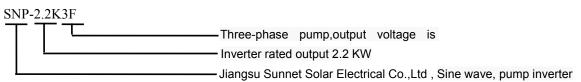


Technical parameters

Model	SNP-1.1K3F	SNP-1.5K3F	SNP-2.2K3F	
DC input side				
Maximum input voltage	450vdc	450vdc	450vdc	
Recommend MPPT voltage range	150-400vdc	150-400vdc	150-400vdc	
Maximum DC input voltage	8A	10A	14.6A	
MPPT MA(maximum accuracy)	99%	99%	99%	
Input line	1	1	1	
AC input side				
Maximum output power	1.1KW	1.5KW	2.2KW	
Rated output voltage	220-240Vac3 phase			
Output frequency range	0-50/60Hz			
Rated output current	5.5A	7A	11A	
Mechanical parameter				
weight	5.5Kg	8.6Kg	8.6Kg	
Size (W*H*D)	203mm*378mm*157mm			
Maximum efficiency	97%			
Projection grade	1			
IP grade	IP65			
Operate environment temperature	-25°C-+60°C; over 60°C derating			
Cooling-down way	Natural cooling-down			
display	LCD			
communication	RS485/GPRS			
Elevation(altitude)	3000 m , over 3000 m derating			
Noise	<50db			
standards	EN50178;IEC/EN62109-1;IEC61800			

- Products 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-3K3F SNP-3.7K3F SNP-4K3F					
Maximum input voltage 450vdc 450vdc 450vdc Recommend MPPT voltage range 150-400vdc 150-400vdc 150-400vdc Maximum DC input voltage 21A 24.6A 15A MPPT MA(maximum accuracy) 99% 99% 99% Input line 2 2 2 AC input side 3KW 3.7KW 4KW Rated output voltage 3KW 3.7KW 4KW Rated output voltage 0-50/60Hz -50/60Hz -50/60Hz Rated output current 14A 17A 20A 11.1Kg Mechanical parameter weight 10Kg 10.Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% 1 Projection grade 1 1 IP grade 1P65 1 Operate environment temperature -25°C+60°C; over 60°C derating -25°C+60°C; over 60°C derating Cooling-down Katestylease -25°C+60°C; over 60°C derating -25°C+60°C; over 60°C derating	Model	SNP-3K3F	SNP-3.7K3F	SNP-4K3F	
Recommend MPPT voltage range 150-400vdc 150-400vdc 150-400vdc Maximum DC input voltage 21A 24.6A 15A MPPT MA(maximum accuracy) 99% 99% 99% Input line 2 2 2 AC input side AC input side Maximum output power 3KW 3.7KW 4KW Rated output voltage 220-240Vac3 phase Output frequency range 0-50/60Hz Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 1P65 Operate environment temperature -25°C+60°C; over 60°C derating Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise -50db	DC input side				
Maximum DC input voltage 21A 24.6A 15A MPPT MA(maximum accuracy) 99% 99% 99% Input line 2 2 2 AC input side AC input side Maximum output power 3KW 3.7KW 4KW Rated output voltage 220-240Vac3 phase Output frequency range 0-50/60Hz Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 IP grade 1P65 Operate environment temperature Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Maximum input voltage	450vdc	450vdc	450vdc	
MPPT MA(maximum accuracy) 99% 99% 99% Input line 2 2 2 AC input side 3KW 3.7KW 4KW Maximum output power 3KW 3.7KW 4KW Rated output voltage 220-240Vac3 phase 200 Output frequency range 0-50/60Hz 0-50/60Hz Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% 97% Projection grade 1 1 IP grade 1P65 1P65 Operate environment temperature -25°C+60°C;over 60°C derating Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Recommend MPPT voltage range	150-400vdc	150-400vdc	150-400vdc	
Input line AC input side Maximum output power 3KW 3.7KW 4KW Rated output voltage Output frequency range Output frequency range Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency Projection grade 1 IP grade Operate environment temperature Cooling-down way Assurant cooling-down display LCD communication RS485/GPRS Elevation(altitude) Noise	Maximum DC input voltage	21A	24.6A	15A	
AC input side Maximum output power 3KW 3.7KW 4KW Rated output voltage 220-240Vac3 phase Output frequency range 0-50/60Hz Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 IP grade 1Pg rade Operate environment temperature Cooling-down way display LCD communication RS485/GPRS Elevation(altitude) Noise 4KW 3.7KW 4KW 4KW 4KW 4KW 4KW 4KW 4KW	MPPT MA(maximum accuracy)	99%	99%	99%	
Maximum output power Rated output voltage Output frequency range Output frequency range Rated output current I4A I7A 20A Mechanical parameter weight Size (W*H*D) Assimum efficiency Projection grade IP grade Operate environment temperature Cooling-down way display LCD communication RS485/GPRS Elevation(altitude) Noise S20-240Vac3 phase 220-240Vac3 phase 17A 20A 4KW 4KW 4KW 4KW 4KW 4KW 4KW 4K	Input line	2	2	2	
Rated output voltage Output frequency range O-50/60Hz Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency Projection grade 1 IP grade Operate environment temperature Cooling-down way display LCD communication RS485/GPRS Elevation(altitude) Noise 220-240Vac3 phase 0-50/60Hz 20A 20A 20A 20A 1.1Kg 20A 1.1Kg 265mm*430mm*167mm 265mm*430mm*167mm Noise	AC input side				
Output frequency range Rated output current 14A 17A 20A Mechanical parameter weight 10Kg 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency Projection grade 1 IP grade 1Perade Operate environment temperature Cooling-down way display LCD communication RS485/GPRS Elevation(altitude) Noise O-50/60Hz 17A 20A 20A 20A 11.1Kg 10Kg 11.1Kg 265mm*430mm*167mm 265mm*430mm*167mm Natural cooling-down LCD RS485/GPRS	Maximum output power	3KW	3.7KW	4KW	
Rated output current Mechanical parameter weight 10Kg 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 IP grade Operate environment temperature Cooling-down way display display LCD communication RS485/GPRS Elevation(altitude) Noise 11A 10Kg 110Kg 11.1Kg 265mm*430mm*167mm 265mm*430mm*167mm Accommentation PF65 Operate environment temperature -25°C+60°C; over 60°C derating LCD Communication RS485/GPRS Elevation(altitude) 3000m: over 3000 m derating	Rated output voltage	220-240Vac3 phase			
Mechanical parameter Mechanical parameter weight 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 IP grade IP65 Operate environment temperature -25℃-+60℃; over 60℃ derating Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Output frequency range	0-50/60Hz			
weight 10Kg 10Kg 11.1Kg Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 IP grade 1P65 Operate environment temperature -25°C+60°C; over 60°C derating Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Rated output current	14A	17A	20A	
Size (W*H*D) 330mm*450mm*152mm 265mm*430mm*167mm Maximum efficiency 97% Projection grade 1 IP grade IP65 Operate environment temperature Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) Noise <50db	Mechanical parameter				
Maximum efficiency Projection grade IP grade Operate environment temperature Cooling-down way Matural cooling-down display LCD communication RS485/GPRS Elevation(altitude) Noise S700 P776 P7776 P776 P776 P	weight	10Kg	10Kg	11.1Kg	
Projection grade IP grade IP grade Operate environment temperature Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) Noise I 1 RS485/GPRS Solution (altitude) Noise	Size (W*H*D)	330mm*450mm*152mm 265mm*430mm*167n		265mm*430mm*167mm	
IP grade IP65 Operate environment temperature -25°C+60°C; over 60°C derating Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Maximum efficiency	97%			
Operate environment temperature Cooling-down way Natural cooling-down display LCD communication RS485/GPRS Elevation(altitude) Noise Noise Selvation(altitude) Solution RS485/GDRS Solution RS485/GPRS Solution RS485/GPRS Solution RS485/GPRS Solution Solution	Projection grade	1			
Cooling-down way Matural cooling-down LCD communication RS485/GPRS Elevation(altitude) Noise Noise Natural cooling-down LCD Symbol S	IP grade	IP65			
display LCD communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Operate environment temperature	-25°C-+60°C;over 60°C derating			
communication RS485/GPRS Elevation(altitude) 3000m; over 3000 m derating Noise <50db	Cooling-down way	Natural cooling-down			
Elevation(altitude) 3000m; over 3000 m derating Noise <50db	display	LCD			
Noise <50db	communication	RS485/GPRS			
	Elevation(altitude)	3000m; over 3000 m derating			
standards EN50178;IEC/EN62109-1;IEC61800	Noise	<50db			
	standards	EN50178;IEC/EN62109-1;IEC61800			