

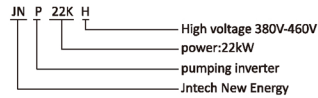
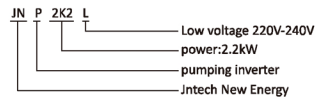


Solar Pumping Inverter

Product Features

- ◆ Drive power-matched three-phase AC pump
- ◆ Adopt advanced IGBT power module
- ◆ High conversion efficiency, low temperature rise, low noise, long lifespan
- ◆ Advanced MPPT technology, efficiency > 99%
- ◆ Fully automatic operation, it can store operation date for 10 years
- ◆ Perfect system protection, high reliability
- ◆ New design of anodized aluminum case
- ◆ LCD display
- ◆ Interface: RS485/GPRS
- ◆ Modular design, easy to install, operate, maintain

Definition of Model



Technical Parameters

Model	JNP1K1L	JNP1K5L	JNP2K2L	JNP3KL	JNP3K7L	JNP4KL	JNP2K2H	JNP3KH	JNP3K7H	JNP4KH	JNP5K5H	JNP7K5H
d.c. Input												
d.c. Max. Input Voltage	450Vdc			750Vdc			880Vdc					
Recommended MPPT Voltage	150~400Vdc			280~600Vdc			460~850Vdc					
d.c. Max. Input Current	8A	10A	14.6A	21A	24.6A	15A	5A	6.9A	9A	9A	12A	16.3A
Max. MPPT Efficiency	99%											
Number of String	1	1	2	2	2	2	2	2	2	2	2	3
a.c. Output												
Max. Motor Output Power	1.1kW	1.5kW	2.2kW	3kW	3.7kW	4kW	2.2kW	3kW	3.7kW	4kW	5.5kW	7.5kW
Rated Output Voltage	220~240Vac, three phase						380~460Vac, three phase					
Output Frequency Range	0~50/60Hz											
Rated Output Current	5.5A	7A	11A	14A	17A	20A	6A	7A	9A	10A	13A	18A
Other Parameters												
Weight	8.6kg	8.6kg	8.6kg	10kg	11.1kg	11.1kg	11.1kg	11.1kg	11.1kg	11.1kg	11.1kg	11.1kg
Dimension(L*W*H)	203*378*157mm			203*378*157mm								
Max. Efficiency	97%	97%	97%	97%	97%	97%	96%	97%	98%	98%	98%	98%
Protection Class	I											
Protection Level	IP65											
Operating Temperature	-25℃~+60℃; above 60℃ need derate operating											
Cooling Way	Natural Cooling											
Display	LCD											
Communication	RS485/GPRS											
Altitude	3000m; above 3000m need derate operating											
Noise Emission	<50dB											
Compliance	EN50178; IEC/EN62109-1; IEC 61800											



Technical Parameters

Model	JNP11KH	JNP15KH	JNP18K5H	JNP22KH	JNP30KH	JNP37KH	JNP45KH	JNP55KH	JNP75KH	JNP90KH	JNP110KH	
d.c. Input												
d.c. Max. Input Voltage	880Vdc											
Recommended MPPT Voltage	460~850Vdc											
d.c. Max. Input Current	24.4A	33.3A	41.1A	49A	67A	82A	100A	122A	166A	205A	251A	
Max. MPPT Efficiency	99%											
Number of String	3	3	3	1	1	1	1	1	1	1	1	
a.c. Output												
Max. Motor Output Power	11kW	15kW	18.5kW	22kW	30kW	37kW	45kW	55kW	75kW	90kW	110kW	
Rated Output Voltage	380~460Vac, three phase											
Output Frequency Range	0~50/60Hz											
Rated Output Current	21A	29A	36A	42A	57A	71A	86A	104A	142A	171A	209A	
Other Parameters												
Weight	15.1kg	15.1kg	15.1kg	34kg	34kg	34kg	34kg	34kg	48kg	48kg	48kg	
Dimension(L*W*H)	305*430*190mm			390*532*210mm						585*690*225mm		
Max. Efficiency	98%											
Protection Class	I											
Protection Level	IP65											
Operating Temperature	-25℃~+60℃; above 60℃ need derate operating											
Cooling Way	Force Cooling											
Display	LCD											
Communication	RS485/GPRS											
Altitude	3000m; above 3000m need derate operating											
Noise Emission	<50dB											
Compliance	EN50178; IEC/EN62109-1; IEC 61800											

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