

**Technical Parameters of Three Phase Solar Pumping Inverter**

Model	JNP1K1L	JNP1K5L	JNP2K2L	JNP3KL	JNP3K7L	JNP4KL	JNP2K2H	JNP3KH	JNP3K7H	JNP4KH	JNP5K5H	JNP7K5H	JNP11KH	JNP15KH	JNP18K5H	JNP22KH	JNP30KH	JNP37KH	JNP45KH	JNP55KH
<b>d.c. Input</b>																				
d.c. Max. Input Voltage	440Vdc					750Vdc	800Vdc					800Vdc								
Recommended MPPT Voltage	280-360Vdc					300-600Vdc	500-750Vdc					500-750Vdc								
d.c. Max. Input Current	8A	10A	14.6A	21A	24.6A	15A	5A	6.9A	9A	9A	12A	16.3A	24.4A	33.3A	41.1A	49A	67A	82A	100A	122A
Max. MPPT Efficiency	97%					97%					97%									
Number of String	1		2			2					3	3			1					
<b>a.c. Output</b>																				
Max. Motor Output Power	1.1kW	1.5kW	2.2kW	3kW	3.7kW	4.0kW	2.2kW	3.0kW	3.7kW	4.0kW	5.5kW	7.5kW	11kW	15kW	18.5kW	22kW	30kW	37kW	45kW	55kW
Rated Output Voltage	220-240Vac, 3-phase					380-460Vac, 3-phase					380-460Vac, 3-phase									
Output Frequency Range	0-50/60Hz					0-50/60Hz					0-50/60Hz									
Rated Output Current	5.5A	7A	11A	14A	17A	20A	6A	7A	9A	10A	13A	18A	21A	29A	36A	42A	57A	71A	86A	104A
<b>Mechanical Data</b>																				
Dimensions(W/H/D)	203x410x150(mm)					265x430x170(mm)					265x430x170(mm)	305*430*190mm			390*560*240mm					
Weight	7.2kg					10kg					10kg	15.3kg			33.2kg					
Max. Efficiency	95%					96%	96%	97%			97%	97%								
Protection Class	I					I					I									
Protection Level	IP54					IP54					IP54									
Operating Temperature Range	-20°C to +60°C, above 45°C need derate operating					-20°C to +60°C, above 45°C need derate operating					-20°C to +60°C, above 45°C need derate operating									
Cooling Method	Natural cooling					Natural cooling					Natural cooling	Force cooling								
Display	LCD					LCD					LCD									
Communication Interface	RS485/GPRS					RS485/GPRS					RS485/GPRS									
Altitude	3000m; above 3000m need derate operating					3000m; above 3000m need derate operating					3000m; above 3000m need derate operating									
Noise Emission	<50dB					<50dB					<50dB									
Compliance	EN 50178; IEC/EN 62109-1; IEC 61800					EN 50178; IEC/EN 62109-1; IEC					EN 50178; IEC/EN 62109-1; IEC 61800									