

SNV-SP Series SOLAR PUMP INVERTER

TRIPLE PHASE 0.75 ~ 15 kW



Smart control

Inbuilt AC compensation functions, auto balance power supply between solar power and city grid inoput power



Stable & Durable

Inbuilt latest max power point tracking algorithm to maximum solar power efficiency

TECHNICAL SPECIFICATION

SNV-SP Series		Power Capacity	Input Current	Output Current	Adaptor Motor
MODEL	SNV-SP7513	0.75 kW / 1HP	3.4A	2.1A	0.75 kW
	SNV-SP1523	1.5 kW / 2HP	5.0A	3.8A	1.5 kW
	SNV-SP2223	2.2 kW / 3HP	5.8A	5.1A	2.2 kW
	SNV-SP3723	3.7 kW / 5HP	10.5A	9A	3.7 kW
	SNV-SP5523	5.5 kW / 8HP	14.6A	13A	5.5 kW
	SNV-SP7523	7.5 kW / 10HP	20.5A	17A	7.5 kW
	SNV-SP1133	11 kW / 15HP	26.0A	25A	11 kW
	SNV-SP1533	15 kW / 20HP	35.0A	32A	15 kW

AC Input Voltage	Three-phase 380V (-15%) ~ 440V (+10%)
AC Output Voltage	Three-phase 0~380V / 415V / 440V
Max. Input DC Voltage	780VDC
Recommended Voc Range	600VDC < Voc < 780VDC
Recommended Vmp	>540VDC
Output Frequency Range	0~50/60Hz
MPPT Efficiency	99.96%
Number of Input	1
Rated Output Voltage	3AC 380~460V
Max. eff. of the Whole Machine	97%
Cooling Mode	Forced air cooling
Protection Grade	IP20
Altitude	Below 1000m, when the altitude exceeds 1000m, please reduce according to the ratio of 100m down 1%.
Standard of Conformity	CE

Type	SNV-SP7513	SNV-SP1523	SNV-SP2223	SNV-SP3723	SNV-SP5523	SNV-SP7523	SNV-SP1133	SNV-SP1533
Dimension (W x D x H) mm	118 x 156.7 x 185				160 x 178 x 247			217 x 194 x 355
Weight	1.8kg				3.0kg		3.2kg	8.0kg

Recommended PV Array

PV Module	ICA200-72M (200Wp)				ICA550-72HMI (550Wp)			
No. of PV Module	14 pcs	14 pcs	15 pcs	30 pcs	15 pcs	28 pcs	28 pcs	42 pcs
PV Array Configuration	14S1P	14S1P	15S1P	15S2P	15S1P	14S2P	14S2P	14S3P
PV Array Power	2800	2800	3000	6000	8250	15400	15400	23100

*Specifications subject to change without prior notice.