ICAsolar®

# SNV-SP Series

SOLAR PUMP INVERTER

## THREE PHASE

## 0.75 ~ 11 kW



### Smart control

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

### Stable & Durable

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

## TECHNICAL SPECIFICATION

| MODEL | SNV-SP7513 | SNV-SP1523 | SNV-SP2223 | SNV-SP3723 | SNV-SP5523 | SNV-SP7523 | SNV-SP1133 |
|---|---|---|---|---|---|---|---|
| Power Capacity | 0.75 kW/1HP | 1.5 kW/2HP | 2.2 kW/3HP | 3.7 kW/5HP | 5.5 kW/8HP | 7.5 kW/10HP | 11 kW/15HP |
| Input Current | 3.4A | 5.0A | 5.8A | 10.5A | 14.6A | 20.5A | 26.0A |
| Output Current | 2.1A | 3.8A | 5.1A | 9A | 13A | 17A | 25A |
| Adaptor Motor | 0.75 kW | 1.5 kW | 2.2 kW | 3.7 kW | 5.5 kW | 7.5 kW | 11 kW |
| AC Input Voltage | Three-phase 380V (-15%) ~ 440V (+10%) | | | | | | |
| AC Output Voltage | Three-phase 0~Input | | | | | | |
| Max. Input DC Voltage | 900VDC | | | | | | |
| Recommended Voc Range | 250~900VDC | | | | | | |
| Recommended Vmp | 560VDC | | | | | | |
| Output Frequency Range | 0~600Hz | | | | | | |
| 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 (Enclosed Type) | | | | | | |
| Altitude | Below 1000m, when the altitude exceeds 1000m, derate by 1% per 100m. | | | | | | |
| Standard of Conformity | CE | | | | | | |
| Dimension (W x D x H) mm | 118 x 156.7 x 185 | | | | 160 x 178 x 247 | | |
| Weight | 1.8kg | | | | 3.0kg | | 3.2kg |
| **Recommended PV Array** | | | | | | | |
| PV Module | ICA200-72M (200Wp) | | | | ICA550-72HMI (550Wp) | | |
| No. of PV Module | 14 pcs | | 15 pcs | 30 pcs | 15 pcs | 28 pcs | |
| PV Array Configuration | 14S1P | | 15S1P | 15S2P | 15S1P | 14S2P | |
| PV Array Power | 2800 | | 3000 | 6000 | 8250 | 15400 | |

*Specifications subject to change without prior notice.