

Solar Pump Controller 4K, 5.5K, 7.5K & 11K



Models	HSI-4000P	HSI-5500P	HSI-7500P	HSI-11000P
Input Data				
Power and VA capacity (kVA)	5.9	8.9	11.0	17.0
Max Input Voltage(Voc)(V)	800			
Recommended voltage, at mpp	500VDC ~ 700VDC			
Recommended PV array power(kW)	4.8- 6.4	6.6- 8.8	9.0- 12.0	13.2- 17.6
Alternate AC Generator	--			
Input voltage	380/400/415/440VAC(+/-15%), Three Phase			
Max Amps(RMS)(A)	10.5	14.6	20.5	26.0
PV Source	--			
Output Data				
Output Power, rated(kW)	4	5.5	7.5	11
Output Voltage, rated	380/400/415/440VAC, Three Phase			
Max Amps(RMS)(A)	9.0	13.0	17.0	25.0
Output Frequency	0.50Hz / 60Hz			
Protection				
Surge protection	Integrated			
Overvoltage protection	Integrated			
Undervoltage protection	Integrated			
Locked pump protection	Integrated			
Open circuit protection	Integrated			
Short circuit protection	Integrated			
Overheated protection	Integrated			
Dry run protection	Integrated			
Communication				
MODBUS communication card	Optional, RS-485 isolated			
General Data				
Ambient Temperature Range	-20°C ~ 60°C, >45°C, Derating as required			
Cooling Method	Fan Cooling			
Ambient Humidity	≤ 95% RH			
Dimensions(H*W*D)(mm)	248*160*183	248*160*183	322*208*192	322*208*192
Gross Weight(kg)	4.2	4.2	9.0	9.0
Standard Warranty(month)	18			
Certificates	IEC/EN 61800-5-1, IEC/EN 61800-2:2004, IEC/EN 61800-3:2004, CE			

Note: according to the light conditions, in different regions the PV array power can be 1.2-1.6 times to the pump power.