

Specification

Model	HPS-1500/HPS-1500D	HPS-2000/HPS-2000D	HPS-3000/HPS-3000D
DC Input			
Max. PV power(Wp)	2195	2926	3990
Max. DC input voltage(V)	600		
MPP voltage range(V)	80~480		80~520
Max. DC input current, per MPPT(A)	12.5		
No. of independent MPP inputs	1		
Strings per MPP input	1		
AC Output			
Rated Power(W)	1500	2000	3000
Max. apparent AC power(VA)	1650	2200	3000
Rated grid voltage(Vac)	220/230/240		
Rated power frequency(HZ)	50/60		
Max. output current(A)	8.5	12	15
Adjustable displacement power factor	0.8 _{ind} ... 0.8 _{cap}		
THDi at rated power	<3%		
Efficiency			
Max. Efficiency	97.8%	97.8%	97.8%
Euro Efficiency	97.3%	97.3%	97.4%
General Data			
Dimensions(W×H×D) mm	393×324.5×154		
Weight(kg)	9		
Noise emission(typical) dB(A)	<20		
DC connection	Staubli:PV-ADSP4-S2/6; PV-ADBP4-S2/6 Phoenix(optional):PV-CF-S 2,5-6(+); PV-CM-S 2,5-6(-) Amphenol(optional):H4CMB4TM; H4CFB4TM		
AC connection	Plug-in Connector		
Communication	Wi-Fi(optional)		
Cooling method	Natural cooling		
Operating ambient temperature range	-25°C ... +60°C		
Allowable relative humidity range	0% to 100%		
Max. operating altitude(m)	3000(>3000 derating)		
Degree of protection(IEC 60529)	IP65		
Inverter topology	Non-isolated		
Protection class (according to IEC 62103)	I		
Overvoltage category (according to IEC 60664-1)	II(DC), III(AC)		
Climatic category (IEC 60721-3-4)	4K4H		
Power loss in night mode(W)	<1		
Factory warranty(years)	5 (standard) / 10, 15, 20(optional)		

Specification

Model	HPS-3680/HPS-3680D	HPS-4000/HPS-4000D	HPS-5000/HPS-5000D
DC Input			
Max. PV power(Wp)	4895	5852	6650
Max. DC input voltage(V)	600		
MPP voltage range(V)	80~520		
Max. DC input current, per MPPT(A)	12/12		
No. of independent MPP inputs	2		
Strings per MPP input	1		
AC Output			
Rated Power(W)	3680	4000	5000
Max. apparent AC power(VA)	3680	4400	5000
Rated grid voltage(Vac)	220/230/240		
Rated power frequency(HZ)	50/60		
Max. output current(A)	16	20	23
Adjustable displacement power factor	0.8 _{ind} ... 0.8 _{cap}		
THDi at rated power	<3%		
Efficiency			
Max. Efficiency	97.9%	97.9%	97.9%
Euro Efficiency	97.4%	97.4%	97.4%
General Data			
Dimensions(W×H×D) mm	393×324.5×154		
Weight(kg)	9.5		
Noise emission(typical) dB(A)	<20		
DC connection	Staubli:PV-ADSP4-S2/6; PV-ADBP4-S2/6 Phoenix(optional):PV-CF-S 2,5-6(+); PV-CM-S 2,5-6(-) Amphenol(optional):H4CMB4TM; H4CFB4TM		
AC connection	Plug-in Connector		
Communication	Wi-Fi(optional)		
Cooling method	Natural cooling		
Operating ambient temperature range	-25°C ... +60°C		
Allowable relative humidity range	0% to 100%		
Max. operating altitude(m)	3000(>3000 derating)		
Degree of protection(IEC 60529)	IP65		
Inverter topology	Non-isolated		
Protection class (according to IEC 62103)	I		
Overvoltage category (according to IEC 60664-1)	II(DC), III(AC)		
Climatic category (IEC 60721-3-4)	4K4H		
Power loss in night mode(W)	<1		
Factory warranty(years)	5 (standard) / 10, 15, 20(optional)		