



Data Sheet

HELIOS COMPACT (wall-mount model)		MODEL			
INVERTER		SPI3000-B2	SPI4000-B2	SPI5000-B2	SPI6000-B2
PV INPUT DATA					
Maximum PV input power	kW	4.05	5.4	6.75	8.1
Maximum PV input voltage	Vdc	600			
MPPT voltage range	Vdc	100~550			
Start-up PV voltage	Vdc	120			
MPPT number		2			
String maximum input current	A	11			
PV short-circuit current	A	13.8			
MPPT efficiency	%	99.9%			
Maximum inverter backfeed current to array	A	0			
OUTPUT DATA					
Rated output power	kW	3	4	5	6
Maximum output power	kW	3.3	4.4	5.5	6
Rated voltage	Vac	110/220/230/240			
Rated output current	A	13.6	18.2	22.7	27.3
Maximum on-grid output current	A	15.9	22.7	22.7	22.7
Rated frequency	Hz	50/60 (50 default)			
Power factor		>0.99			
MECHANICAL DATA					
Dimension (WxDxH)	mm	360x125x420			
Weight	kg	11.5			
IP grade		IP65			
Operating temperature range	°C	-40 ~ 60			
Cooling		Natural convection			
Noise	dB	<25			
STANDARDS AND COMPLIANCE					
Utility standard		AS/NZS 4777.2:2015			
Safety testing		IEC62109-1, IEC62109-2, AS62040.1.1:2003			
Electromagnetic compatibility		EN61000-6-3, EN61000-6-2			
WARRANTY					
Limited warranty		5 years			

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