








	2 MPPT						3 MPPT			4 MPPT		
Model	Solis-2.5K-2G-US	Solis-3K-2G-US	Solis-3.6K-2G-US	Solis-4K-2G-US	Solis-4.6K-2G-US	Solis-5K-2G-US	Solis-1P6K-4G-US	Solis-1P7K-4G-US	Solis-1P7.6K-4G-US	Solis-1P8K-4G-US	Solis-1P9K-4G-US	Solis-1P10K-4G-US
												
DC Values												
Max power per MPPT (Watts)	3000	3600	4000	4000	4600	5000	4000					
Max voltage (Volts)	600											
Startup voltage (Volts)	120											
Operating MPPT voltage range (Volts)	100-500											
Max usable input current per MPPT (Amps)	10+10			10+18			10					
Max short circuit input current (Amps)	15.6+15.6			15.6+28.1			15.6					
Number of MPPT	2						3			4		
Inputs per MPPT	1			1+2			1					
AC Values												
Nominal output power (Watt)	2500	3000	3600	4000	4600	5000	6000	7000	7600	8000	9000	10000
Max Continuous Output Power	2750	3300	3960	4400	5060	5500	6600	7700	8360	8800	9900	11000
Nominal grid frequency (Hz)	60											
Operating frequency range (Hz)	59.5-60.5											
Nominal grid voltage (Volts)	208/240											
Operating voltage range (Volts)	183~228(for 208V rated) / 211~264(for 240V rated)											
Operating phase	Single											
Max overcurrent protection device 208/240V(Amps)	20	20	20	30	30	30	40/40	40/40	50/40	50/40	50/50	60/50
Max continuous output current for 208/240V grid(Amps)	12/10.4	14.4/12.5	17.3/15	19.2/16.7	22.1/19.2	24/20.8	28.8/25	33.7/29.2	36.5/31.7	36.6/33.3	41.3/37.5	45.9/41.7
Power factor	0.9 leading...0.9 lagging						0.8 leading...0.8 lagging					
Grid THD (current)	THDi<3%						THDi<1.5%					
DC injection current (mAmps)	<20											
Efficiency												
Peak efficiency	97.5%			97.8%								
CEC weighted efficiency	95.5%	96.5%		97%			97.5%					
MPPT efficiency	>99%											
General data												
Dimensions (W*H*D)	13.3*25.9*6.8inches (338*658*173mm)						13.1*25.8*9.8inches (333*655*249mm)					
Weight	33.1lb/15kg			38.6lb/17.5kg			43.2lb/19.6kg			43.7lb/19.8kg		
Topology	Transformerless											
Internal consumption	<1W(Night)											
Ambient operating temperature range	-25℃~-60℃/-13°F~140°F											
Enclosure type	NEMA 4X											
Noise emission(typical)	<30 dBA											
Cooling concept	Natural Convection											
Max.operating altitude without derating	13120ft											
Compliance	CAN/CSAC22.2 N107.1, UL1741, IEEE1547, UL1998, UL1699B, FCC part15,Class B						UL 1741, UL 1998, UL 1699B, IEEE 1547, FCC Part 15 (Class A & B), CAN/CSA C22.2 107.1-1					
Relative Humidity Range	0-100% Condensing											
Features												
Warranty	10 Years STD (Extendable to 20 Years)											

	2 MPPT						4 MPPT			
Model	Solis-6K-US-LV	Solis-10K-US-LV	Solis-6K-US	Solis-10K-US	Solis-15K-US	Solis-20K-US	Solis-25K-US	Solis-30K-US	Solis-36K-US	Solis-40K-US
										
DC Values										
Max.power per MPPT(Watts)	6900			10000			13500			
Max.voltage(V)	600		1000							
Start-up voltage(V)	170		330				350			
Operating MPPT voltage range(V)	150-500		200-800							
Rated voltage(V)	400		700							
Max. usable input current per MPPT(A)	15+15	18+18	15+15	18+18	18+18		18+18+18+18			
Max.short circuit input current(Amps)	23.4+23.4	28.1+28.1	23.4+23.4	28.1+28.1			28.1+28.1+28.1+28.1			
Number of MPPT/Inputs per MPPT	2/1			2/2			4/2			
AC Values										
Nominal output power(kW)	6	10	6	10	15	20	25	30	36	40
Nominal grid frequency(Hz)	60									
Operating frequency range(Hz)	59.5-60.5									
Nominal grid voltage(V)	208/220/240		480							
Operating voltage range(V)	177~278		422.4-528							
Operating phase	Three									
Max. output current(A)	16.6/15.7/14.4	25/25/24	7.2	12	18	24	30.1	36.1	43.3	48.1
Max. overcurrent protection device(Amps)	20	30	20	20	30	40	50	50	60	60
Power factor	0.8leading...0.8lagging									
Grid THD(current)	THDi<3%									
DC injection current(mA)	<20	<50	<20		<50					
Efficiency										
Peak efficiency	97.2%		98.3%				98.6%			
CEC weighted efficiency	96.5%		97.5%				98.3%			
MPPT efficiency	>99%									
General data										
Dimensions(W*H*D)	16.9*31.7*10.6inches (430*805*269mm)		16.9*26.1*9.3inches (430*662.5*235mm)				23.4*37.2*14.4inches (595*945*356.5mm)			
Weight	63.9lb/29.0kg		63.9lb/29.0kg		70.5lb/32.0kg		147.7lb/67.0kg			
Topology	Transformerless									
Internal consumption	<1W(Night)									
Ambient operating temperature range	-25℃~-60℃/-13°F~140°F									
Enclosure type	NEMA 4X									
Noise emission(typical)	<30dBA									
Cooling concept	Natural Convection									
Max.operating altitude without derating	13120 ft (4000m)									
Compliance	CAN/CSAC22.2 N107.1,UL1741,IEEE 1547,UL 1998,UL 1699B,FCC part 15,Class B									
Relative Humidity Range	0-100% Condensing									
Features										
Warranty	10 years standard (Extendable to 20 Years)									

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