



8kW | 20kW

	SOLIS S6 PRO 8KW ADVANCED HYBRID INVERTER	SOLIS 20KW S5 3 PHASE DUAL MPPT - DC
INPUT DC (PV SIDE)		
Recommended max. PV power	12.8 kW	30 kW
Max. input voltage	600 V	1100 V
Rated voltage	330 V	600 V
Start-up voltage	90 V	180 V
MPPT voltage range	90-520 V	160-1000 V
Max. input current	32 A / 20 A	32 A / 32 A
Max. short circuit current	36 A / 30 A	50 A / 50 A
MPPT number/Max. input strings number	2/3	2/4
BATTERY		
Battery type	Li-ion / Lead-acid	
Battery voltage range	40-60 V	-
Max. charge / discharge power	8 kW	-
Max. charge / discharge current	190 A	-
Communication	CAN/RS485	RS485, Optional: Wi-Fi, GPRS
OUTPUT AC (BACK-UP)		
Rated output power	8 kW	20 kW
Max. apparent output power	2 times of rated power, 10 s	22 kVA
Back-up switch time	<4 ms	-
Rated output voltage	1/N/PE, 220 V / 230 V	-
Rated frequency	50 Hz / 60 Hz	50 Hz / 60 Hz
Rated output current	36.4 A / 34.8 A	30.4 A / 28.9 A
THDv (@linear load)	<2%	
INPUT AC (GRID SIDE)		
Input voltage range	187-253 V	-
Max. input current	50 A	-
Frequency range	45-55 Hz / 55-65 Hz	-
GENERAL DATA		
Dimensions (W*H*D)	406*560*215 mm	310*563*219 mm
Weight	27 kg	20.3 kg
Topology	High frequency isolation (for battery)	Transformerless
Operating ambient temperature range	-40 ~ +60°C	-25 ~ +60°C
Ingress protection	IP66	
Cooling concept	Intelligent redundant fan-cooling	