RECon 2.30H1 Line @ 375V

RECon 2.30H1 @ 375V		385	770	1155
Input (DC)				
Suggested peak power	kWp	490	980	1470
Rated input current	A	650	1300	1950
Max. input voltage in open circuit	V	1000		
MPPT range	V	565 - 885		
Number of MPPT trackers	-	1	2	3
Output (AC)				
Rated output voltage	V	375		
Frequency	Hz	50 / 60		
Rated power	kW	383	766	1149
Rated Apparent power	kVA	403	806	1209
Rated current	A	590	1180	1770
Power factor - rated	-	> 0,99 at rated power (0,9 Lead to 0,9 Lag)		
Total harmonic distortion	%	< 3		
Auxiliary power				
Auxiliary supply from UPS	V	230		
Auxiliary supply voltage range	V	195 - 253		
Standby consumption	W	50	100	150
Efficiency				
Maximum efficiency	%	99.2		
EURO Efficiency	%	98.8		
CEC Efficiency	%	99		
Mechanical details				
Dimension (WxHxD)	mm	1100x2200x800	2200x2200x800	3300x2200x800
Weight	kg	750	1500	2250
Protection class	-	IP 20		
Temperature				
Operating temperature range	°C	-10°C/ + 55°C (*)		
Protection and monitoring				
Array grounding configuration	-	Negative grounded / Positive grounded / Floating		
Array ground fault protection	-	Isolation monitor		
Interfaces				
Local user interface	-	Touch screen display		
String-Box communication port	-	RS485 Modbus		
PC communication port	-	RS232 - RS485 - USB		
Remote communication port	-	Ethernet		
Standards & certifications				
Product standard	-	2004/108/EC - 2006/95/EC - CEI EN 62109-1 (2010) - CEI EN 62109-2 (2012) - IEC60730 (2010)		
Grid requirements	-	CEI 0-16 ED. III (2012) - IEC62116 - SAGC2.6 - IEEE1547 (2003) - IEEE1547.1 (2005)		
EMC	-	EN 61000 - 6 - 2 / EN 61000 - 6 - 4 / FCC		
Euro Efficiency	-	IEC 61683: 1999-11		
Power management functions	-	LVRT, Power factor Control, Grid Fault Support, Power / Frequency Control and Ramp Rate		

*no de-rating up to 45°C ; 1,5% de-rating per degree in temperature from 45°