RECon 30H1 Line @ 375V

RECon 30H1 @ 375V		193	385	578	770	963	1155
Input (DC)							
Suggested peak power	kWp	241	481	723	963	1204	1444
Rated input current	A	325	650	975	1300	1625	1950
Max. input voltage in open circuit	V	1000					
MPPT range	V	565 - 885					
Number of MPPT trackers	-	1	2	3	4	5	6
Output (AC)							
Rated output voltage	V	375					
Frequency	Hz	50 / 60					
Rated power	kW	191.5	383	574.5	766	957.5	1149
Rated Apparent power	kVA	202	403	605	806	1008	1209
Rated current	A	295	590	885	1180	1475	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	200	250	300
Efficiency							
Maximum efficiency	%	99.3					
EURO Efficiency	%	98.7					
CEC Efficiency	%	98					
Mechanical details							
Dimension (WxHxD)	mm	550x2200x800	1100x2200x800	1650x2200x800	2200x2200x800	2750x2200x800	3300x2200x800
Weight	kg	500	1000	1500	2000	2500	3000
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°