

Item	SUN200 0-250KT L-H3	SUN200 0-280KT L-H0	SUN200 0-300KT L-H0	SUN200 0-330KT L-H1	SUN200 0-330KT L-H2	SUN200 0-250KT L-H1
Rated output voltage	800 V AC, 3W+PE					
Rated output current	180.5 A	202.1 A	216.6 A	216.6 A	198.5 A	180.5 A
Adapted power grid frequency	50 Hz			50 Hz/60 Hz		
Maximum output current	198.5 A	222.3 A	238.2 A	238.2 A	238.2 A	198.5 A
Power factor	0.8 leading and 0.8 lagging					
Maximum total harmonic distortion (rated power)	< 1%					

## Protection

Item	SUN200 0-250KT L-H3	SUN200 0-280KT L-H0	SUN200 0-300KT L-H0	SUN200 0-330KT L-H1	SUN200 0-330KT L-H2	SUN200 0-250KT L-H1
Input DC switch	Supported					
Anti-islanding protection	Supported					
Output overcurrent protection	Supported					

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Input reverse connection protection	Supported					
PV string fault detection	Supported					
DC surge protection	Type II					
AC surge protection	Type II					
Insulation resistance detection	Supported					
Residual current monitoring unit (RCMU)	Supported					

## Display and Communication

Item	SUN200 0-250KT L-H3	SUN200 0-280KT L-H0	SUN200 0-300KT L-H0	SUN200 0-330KT L-H1	SUN200 0-330KT L-H2	SUN200 0-250KT L-H1
Display	LED indicators					
RS485	Supported					
MBUS	Supported					
USB	Supported					
WLAN +App	Supported					

## General Specifications

Item	SUN200 0-250KT L-H3	SUN200 0-280KT L-H0	SUN200 0-300KT L-H0	SUN200 0-330KT L-H1	SUN200 0-330KT L-H2	SUN200 0-250KT L-H1
Dimensions (W x H x D)	1048 mm x 732 mm x 395 mm					
Net weight	112 kg					
Operating temperature	-30°C to +60°C					
Cooling mode	Smart air cooling					
Maximum operating altitude	5000 m (derated when the altitude is greater than 4000 m)					
Relative humidity	0%–100% RH					
Input terminal	CT75A-1T-34/CT75A-1T-35 (AVIC JONHON)			HH4SFD4TMS/HH4SMD4TMS		
Output terminal	Waterproof terminal+OT/DT terminal					
IP rating	IP66					
Self-consumption at night (sleep mode)	4.8 W					