

## Models

## SIRIO K200 HV

Rated power alternating current	200 KVA
Maximum power alternating current	200 KW (cosφ=1)
<b>INPUT</b>	
Maximum direct voltage in an open circuit	880 V <sub>cc</sub>
MPPT Full Rating Range	400 ÷ 760 V <sub>cc</sub>
Working range	400 ÷ 760 V <sub>cc</sub>
Maximum input current	471 A <sub>cc</sub>
Initial feeding voltage	0.4 V <sub>cc</sub>
Ripple voltage	< 1%
Input number	1
MPPT number	1
D.C. connectors	Bus bar
<b>OUTPUT</b>	
Operating voltage	400 V <sub>ca</sub>
Operating interval	340 ÷ 460 V <sub>ca</sub>
Maximum power interval	340 ÷ 460 V <sub>ca</sub>
Frequency interval	47,0 ÷ 01,0 Hz
Settable frequency interval	47 ÷ 03 Hz
Nominal current	289 A <sub>ca</sub>
Maximum current	321 A <sub>ca</sub>
Fault level contribution	0.46 A <sub>ca</sub>
Current Harmonic Distorsion (THDi)	< 3%
Power factor	from 0,9 ind. to 0,9 cap.
Galvanic separation	LF trafo
A.C. connectors	Bus bar
<b>SYSTEM</b>	
Maximum efficiency	96,3%
European efficiency	90,2%
Stand-by consumption	< 32 W
Night consumption	< 32 W
Internal protection	MCCB AC side and Switch DC side
Insulation operating protection	Yes
Detecting earth leakage	Yes
Heat dissipation	Controlled fans
Operating temperature	-20 °C ÷ 40 °C (without derating)
Storage temperature	-20 °C ÷ 70 °C
Humidity	0 ÷ 90% non-condensing
<b>CHARACTERISTICS</b>	
Acoustic noise	< 72 dBA
Protection level	IP20
Colour	RAL 7030
Weight	1080 Kg

**Dimensions**

163.0x100.0x19.0mm