

Models

SIRIO K200 HV

Rated power alternating current	200 KVA
Maximum power alternating current	200 KW (cosφ=1)
INPUT	
Maximum direct voltage in an open circuit	880 V _{cc}
MPPT Full Rating Range	450 ÷ 760 V _{cc}
Working range	450 ÷ 760 V _{cc}
Maximum input current	471 A _{cc}
Initial feeding voltage	0.4 V _{cc}
Ripple voltage	< 1%
Input number	1
MPPT number	1
D.C. connectors	Bus bar
OUTPUT	
Operating voltage	400 V _{ca}
Operating interval	340 ÷ 460 V _{ca}
Maximum power interval	340 ÷ 460 V _{ca}
Frequency interval	47,0 ÷ 01,0 Hz
Settable frequency interval	47 ÷ 03 Hz
Nominal current	289 A _{ca}
Maximum current	321 A _{ca}
Fault level contribution	0.46 A _{ca}
Current Harmonic Distorsion (THDi)	< 3%
Power factor	from 0,9 ind. to 0,9 cap.
Galvanic separation	LF trafo
A.C. connectors	Bus bar
SYSTEM	
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
CHARACTERISTICS	
Acoustic noise	< 72 dBA
Protection level	IP20
Colour	RAL 7030
Weight	108 Kg

Dimensions	163.0x100.0x19.0mm
-------------------	--------------------