

Models

SIRIO K25

Rated power alternating current	25KVA
Maximum power alternating current	25KW (cosφ=1)
INPUT	
Maximum direct voltage in an open circuit	800Vcc
MPPT Full Rating Range	330÷700Vcc
Working range	330÷700Vcc
Maximum input current	80Acc
Initial feeding voltage	390Vcc
Ripple voltage	<1%
Input number	1
MPPT number	1
D.C. connectors	Screw terminals
OUTPUT	
Operating voltage	400Vca
Operating interval	340÷460Vca
Maximum power interval	340÷460Vca
Frequency interval	47,5÷51,5Hz
Settable frequency interval	47÷53Hz
Nominal current	36Aca
Maximum current	40,1Aca
Fault level contribution	68Aca
Current Harmonic Distorsion (THDi)	<3%
Power factor	from 0,9 ind. to 0,9 cap.
Galvanic separation	LF trafo
A.C. connectors	Screw terminals
SYSTEM	
Maximum efficiency	95,8%
European efficiency	94,9%
Stand-by consumption	<32W
Night consumption	<32W
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÷45°C (without derating)
Storage temperature	-20°C÷70°C
Humidity	5÷95% non-condensing
CHARACTERISTICS	
Acoustic noise	<66dBA
Protection level	IP20
Colour	RAL 7035
Weight	350Kg

Dimensions	555x720x1400mm
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