

**Models**

**SIRIO K25**

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

<b>Dimensions</b>	555x720x1400mm
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