

SIRIO TEG

Technical Specifications:

	Rated power	Open Circuit Voltage	Rated power voltage	Max. Current	Max. hot gas flow rate	Min. secondary cooling flow rate
	W	V DC	V DC	A	kg/h	l/min
SIRIO 300	250	24	12	25	100	10
SIRIO 600	500	24	12	50	200	20
SIRIO 1200	1000	48*	24*	50*	400	40
SIRIO 4800	4000	192*	96*	50*	1600	160

The a.m. data are based on following spec:

Cold side temperature: 30°C

Ambient conditions: 25 °C; 1013 mbar; 30% relative humidity

*subject to change. Only final signed offer valid for specs.

NOTES:

- Exhaust gases cooling through the generator: 270 °C @ design point
- User fluid flow heating through the generator: 15 °C @ design point
- Exhaust gases pressure losses: ≤ 20 mbar
- Fluid flow pressure losses: ≤ 20 mbar
- Dimensions:
600 x 600 x 1100 for SIRIO 300 included exhaust gas connections;
600 x 800 x 1200 for SIRIO 600 included exhaust gas connections;
Weight: 100 kg for SIRIO 600 (without inverter and wiring).
- Power derating at different temperatures of the user fluid flow at the generator inlet:
-16%@T=40 °C; -24%@T=50 °C; -32%@T=60 °C.

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All technical Data with tolerance of +/- 5%.