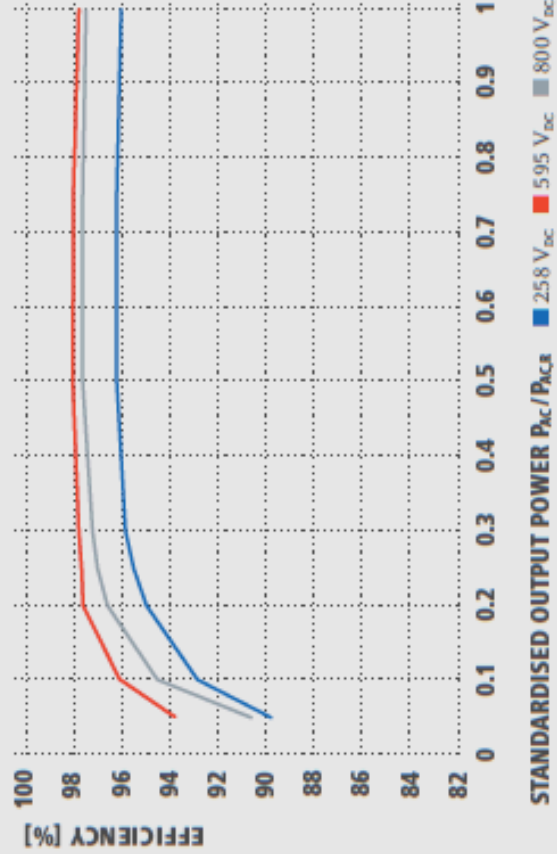
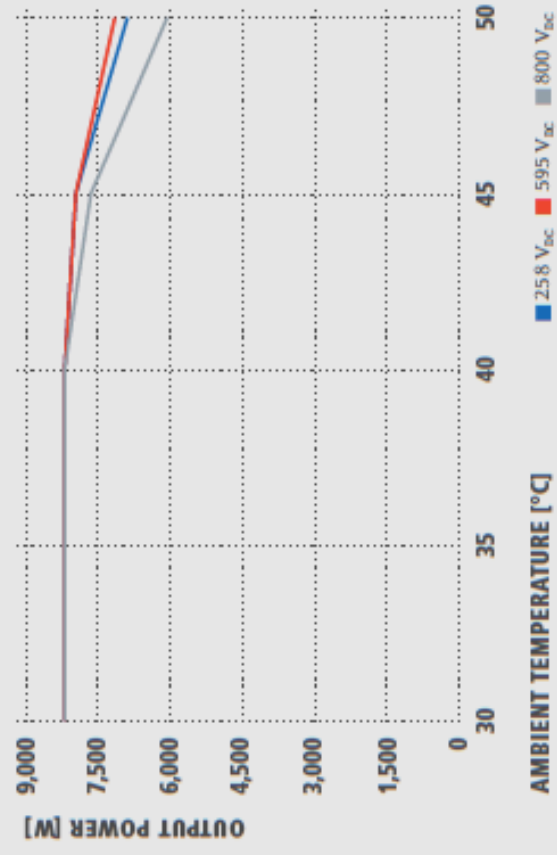


FRONIUS SYMO 8.2-3-M EFFICIENCY CURVE



FRONIUS SYMO 8.2-3-M TEMPERATURE DERATING



TECHNICAL DATA FRONIUS SYMO (5.0-3-M, 6.0-3-M, 7.0-3-M, 8.2-3-M)

	SYMO 5.0-3-M	SYMO 6.0-3-M	SYMO 7.0-3-M	SYMO 8.2-3-M
EFFICIENCY				
Max. efficiency		98.0 %		
European efficiency (η _{EU})	97.5 %	97.5 %	97.6 %	97.7 %
MPP adaptation efficiency		> 99.9 %		
PROTECTIVE DEVICES				
DC insulation measurement			Yes	
Overload behaviour			Operating point shift, power limitation	
DC disconnect			Yes	
Reverse polarity protection			Yes	
INTERFACES				
WLAN / Ethernet LAN				Fronius Solar.web, Modbus TCP SunSpec, Fronius Solar API (JSON)
6 inputs and 4 digital in/out				Interface to ripple control receiver
USB (A socket) ¹⁾				Datalogging, inverter update via USB flash drive
2x RS422 (R)45 socket ¹⁾				Fronius Solar Net
Signalling output ¹⁾				Energy management (potential-free relay output)
Datalogger and Webserver				Included
External input ¹⁾				SO-Meter Interface / Input for overvoltage protection
RS485				Modbus RTU SunSpec or meter connection

¹⁾ Also available in the light version.