

<b>EFFICIENCY</b>	<b>PRIMO 5.0-1</b>	<b>PRIMO 5.0-1 AUS</b>	<b>PRIMO 6.0-1</b>	<b>PRIMO 8.2-1</b>
Max. efficiency	97.8 %	97.8 %	97.8 %	97.8 %
European efficiency ( $\eta_{EU}$ )	96.4 %	96.4 %	96.7 %	97.2 %
MPP adaptation efficiency	> 99.9 %			
<b>PROTECTIVE DEVICES</b>				
DC insulation measurement	<b>PRIMO 5.0-1</b>	<b>PRIMO 5.0-1 AUS</b>	<b>PRIMO 6.0-1</b>	<b>PRIMO 8.2-1</b>
Overload behaviour	Yes			
DC disconnect	Operating point shift, power limitation			
	Yes			
<b>INTERFACES</b>				
WLAN / Ethernet LAN	<b>PRIMO 5.0-1</b>	<b>PRIMO 5.0-1 AUS</b>	<b>PRIMO 6.0-1</b>	<b>PRIMO 8.2-1</b>
6 inputs and 4 digital in/out	Fronius Solar.web, Modbus TCP SunSpec, Fronius Solar API (JSON)			
USB (A socket) <sup>1)</sup>	Interface to ripple control receiver			
2x RS422 (R)45 socket <sup>1)</sup>	Datalogging, inverter update via USB flash drive			
Signalling output <sup>1)</sup>	Fronius Solar Net			
Datalogger and Webserver	Energy management (potential-free relay output)			
External input <sup>1)</sup>	Included			
RS485	50-Meter Interface / Input for overvoltage protection			
	Modbus RTU SunSpec or meter connection			