




## Datasheet EMS96-series

Art.no.	Type	Description
644000	EMS96 	<ul style="list-style-type: none"> <li>Panel mounted energy analyzer 96x96</li> <li>Graphic colour display</li> <li>THD measuring both for voltage and current</li> <li>Power supply 85-265VAC/DC</li> <li>2 digital outputs for puls and alarm</li> <li>Graphic pages</li> <li>RTC Real Time Clock</li> <li>Isolated current input</li> </ul>
644001	EMS96-485	Like EMS96 but with <ul style="list-style-type: none"> <li>serial communication port RS485 in Modbus protocol</li> </ul>
644002	EMS96-PFS	Like EMS96 but with <ul style="list-style-type: none"> <li>serial communication port in Profibus protocol</li> </ul>
644003	EMS96-LON	Like EMS96 but with <ul style="list-style-type: none"> <li>serial communication port RS485 in Lonworks protocol</li> </ul>
644004	EMS96-MOD/TCP	Like EMS96 but with <ul style="list-style-type: none"> <li>serial communication port RS485 in Modbus/TCP protocol</li> </ul>
644005	EMS96-MBUS	Like EMS96 but with <ul style="list-style-type: none"> <li>serial communication port in Mbus protocol</li> </ul>
644010	EMS96H-485 	<ul style="list-style-type: none"> <li>Panel mounted energy analyzer 96x96</li> <li>Graphic colour display</li> <li>THD measuring both for voltage and current</li> <li>Harmonic analysis until 20<sup>th</sup> order</li> <li>128 kB internal memory</li> <li>Power supply 85-265VAC/DC</li> <li>2 digital outputs for puls and alarm</li> <li>Graphic pages also of historical data</li> <li>SAG</li> <li>Serial communication port RS485 in Modbus protocol</li> <li>RTC Real Time Clock</li> <li>Isolated current input</li> </ul>
644011	EMS96H-PFS	Like EMS96H but with <ul style="list-style-type: none"> <li>serial communication port in Profibus protocol</li> </ul>
644012	EMS96H-LON	Like EMS96H but with <ul style="list-style-type: none"> <li>serial communication port RS485 in Lonworks protocol</li> </ul>
644013	EMS96H-MOD/TCP	Like EMS96H but with <ul style="list-style-type: none"> <li>serial communication port RS485 in Modbus/TCP protocol</li> </ul>
644014	EMS96H-MBUS	Like EMS96H but with <ul style="list-style-type: none"> <li>serial communication port in Mbus protocol</li> </ul>
644020	EMS96-ETH-WEB 	<ul style="list-style-type: none"> <li>Panel mounted energy analyzer 96x96</li> <li>Graphic colour display</li> <li>THD measuring both for voltage and current</li> <li>Harmonic analysis until 20<sup>th</sup> order</li> <li>128 kB internal memory</li> <li>Power supply 85-265VAC/DC</li> <li>2 digital outputs for puls and alarm</li> <li>Graphic pages also of historical data</li> <li>SAG</li> <li>Internal web-server</li> <li>Ethernet port</li> <li>Serial communication port RS485 in Modbus protocol and Ethernet port</li> <li>Internal web-server multiprotocol</li> <li>RTC Real Time Clock</li> <li>Isolated current input</li> </ul>
644021	EMS96-ETH-WEB-485	Like EMS96-ETH-WEB but with <ul style="list-style-type: none"> <li>additional serial port RS485 to use as converter to other instruments with Modbus</li> </ul>
644022	EMS96-ETH-WEB-WIFI-485	Like EMS96-ETH-WEB-485 but with <ul style="list-style-type: none"> <li>WIFI connection</li> </ul>