

SMART EMS

Energy Management System



SMART EMS building energy management system is used to increase autoconsumption and protection, to some extent, against switching on microinstallations caused by excessive voltage in the grid.



Increasing autoconsumption



2 year warranty



Wi-Fi connectivity



ModBUS RTU module



Free mobile app



Communication ability with bidirectional counter and inverter

KENSOL

ENERGY FOR THE FUTURE

INPUTS		
Analog input	INPA to 33V	
Logical input	INPD	
1-Wire digital input	to 8 thermometers (DS18B20)	
Serial port	RS485 (Modbus RTU)	
OUTPUTS		
Relay outputs	4x 16A (NO), 1x 10A (NO/C/NC)	
Transistor output	1x OC (500mA)	
SUPPLY		
Supply voltage	230 V AC	
Power consumption	0.5W (without relays switched on)	
Protection against incorrect power supply polarity	YES	
COMMUNICATION		
Communication interface	Ethernet 100mBit/s	
Default address	IP 192.168.1.100	
Logging	Administrator account	User account
Built-in web interface	YES	
Data management via MQTT broker	YES	
Ability to communicate (control outputs) between modules	YES	
Mobile application	YES	
Operating temperature	-20 to +85 °C	
Weight	3 kg	
Dimensions	384mm x 319mm x 144mm	
Installation	surface-mounted	