



BST

Behineh Sazan Toos Co.



Contact Us

www.BST.co.ir



info@bst.co.ir



NO 370, SANAT BLV, TOOS INDUSTRIAL ESTATE,
MASHHAD, RAZAVI KHORASAN PROVINCE, IRAN



+98 51 35412240



LOAD & CONSUMPTION MANAGEMENT SYSTEM (LMS)

There is no denying the importance of equipment that can be programmed and controlled remotely for managing consumers' load in the electricity distribution network. At Behineh Sazan Toos Co., we've leveraged TAVANIR's strategies and scientific principles to develop a programmable equipment capable of connecting to smart electricity meters. This equipment is now considered a comprehensive system for managing load and consumption.

LMS

Technical features

- Save and send events via smart meter
- 2 separate RS485 ports to connect smart meter and local communications
- Real-time clock support leap year, day light saving
- Internal 10A relay for support of various local and remote control methods
- Comply with DLMS/COSEM protocol

Benefits

- Accurate connect/disconnect according to Iranian calendar and sunset/sunrise
- Time synchronization vis smart meter
- On demand connect/disconnect by remote and schedule table





Technical Specifications

Description	VALUE
Voltage	
Nominal voltage U_n	1x230v
Extended operating voltage range	0.7 U_n ~1.2 U_n
Start operating voltage	TypeA:100v
Limiting voltage	TypeA:300v
Frequency	
Nominal frequency f_n	50Hz
Tolerance	45Hz to 55Hz
Features	
Support scheduled on/off	
Support on-demand on/off	
Up to 3 output relay	
Support for cabinet door open/closed alarm	
Support two digital input	
Support one analog input	
Environmental Influences	
Temperature range	-40'C to +80'C
Humidity	up to 85%
Communication Interface	
RS-485 interface	
Communication standards	DLMS HDLC
Baud rate	300-4800-9600-19200 bps(configurable)





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