

SINGLE PHASE ELECTRONIC ACTIVE ENERGY METER BUILD-IN ENERGY LIMITER METER

This is a single-phase two-wire electronic active Energy Limiter Meter, front board, wall mounting, with build-in Energy Limiter inside. It can set the daily maximum load limit. Besides Energy Limiter function, other common functions of this Energy Limiter Meter (eg: measuring accuracy) completely accord with relevant technical requirements of class 1 single phase active energy meter, stipulated in international standard IEC 62053-21.



Application:

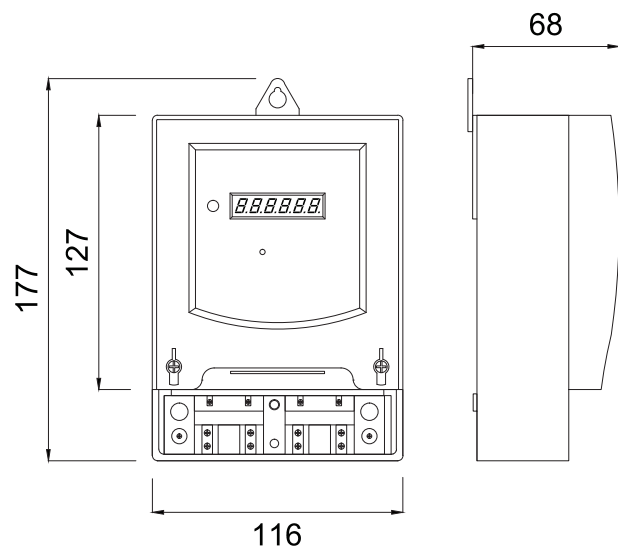
This Energy Limiting Meter is ideal in SOLAR, WIND or HYBRID POWER etc some new power plants. It's suitable for applications where the amount of energy is limited or rationed per day.

It's useful for tenants, rugged or remote villages, isolated islands. It also can be equipped for requiring subsidized billing.

Features:

- Daily Energy Limiter
- Overload Current Protection
- Buzzer Beep Alarm
- 6-digits LED display
- Bluetooth Hand Held Unit or Program via Smartphone Android
- Build-in Real Time Clock
- Build-in MCU, Standalone Operation
- Accuracy Class 1.0
- Front Board/Wall Mounting
- Wide Range Current Measurement
- Easy Installation & Easy Setup
- Light Weight & Good Reliability

Dimensions:



Built-in Energy Limiter Meter
TECHNICAL SPECIFICATION

ENERGY LIMITER METER	
CONNECTION	DIRECT CONNECTIONS
ACCURACY CLASS	CLASS 1.0
REFERENCE VOLTAGE	220-240 V AC
NETWORK	1 PHASE 2 WIRE
OPERATING VOLTAGE	187-288 VAC
AC VOLTAGE WITHSTAND	2 KV FOR 1 MINUTE
IMPULSE VOLTAGE	6KV-1.2/50 μ S WAVE FORM
RATE CURRENT (IB)	5 A DIRECT CONNECTION
MAXIMUM RATES CURRENT (IMAX)	20A & 40A DIRECT CONNECTION
OPERATING CURRENT RANGE	0.4%IB ~ IMAX
OPERATING FREQUENCY RANGE	50HZ \pm 10%
INTERNAL POWER CONSUMPTION	<3W/5VA
OPERATING HUMIDITY RANGE	<75%
STORAGE HUMIDITY RANGE	<95%
OPERATING TEMPERATURE RANGE	-20 $^{\circ}$ C~ +55 $^{\circ}$ C
STORAGE TEMPERATURE RANGE	-30 $^{\circ}$ C~ +65 $^{\circ}$ C
METER CONSTANT	4000 IMP/KWH
DISPLAY	6-DIGITS REGISTER, LED DISPLAY (L)
REFERENCE STANDARD	IEC62053-21
OVERALL DIMENSIONS (WXHXD)	W: 177 MM X H: 166 MM X D: 66MM

How It works:

