

Single Source / Dual Source Energy Meters

Functions and characteristics

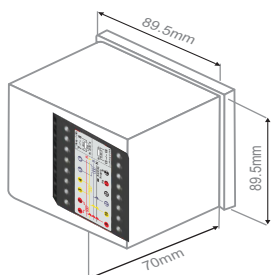
ENERSOL
SUSTAINABLE ENERGY SOLUTIONS



Enersol Whole Current Dual Source meter



Enersol Dual Source meter



Enersol Dual Source meter dimensions.

The Enersol Energy Meter series are easy-to-operate, compact in size, cost effective meters that offer the basic measurement capabilities required to monitor an electrical installation

Characterized by their rugged construction, compact size, and low installation costs, these state-of-the-art energy meters are ideal for control panel, residential apartments, malls and housing society

The Enersol Energy Meter series are available in four different versions to better fit specific applications:

- EN34 Series DSR10 Series
- DSRR10 Series MFDSR28 Series

Applications

Single Source Metering.

Dual Source Metering

Separate Load Control Limits for EB & DG

Energy savings

Measure efficiency, reveal opportunities and verify savings.

Sub-bill tenants for energy costs.

Allocate energy costs to departments or processes.

Reduce peak demand surcharges.

Reduce power factor penalties.

Leverage existing infrastructure capacity and

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Selection guide	DSR10	E N34	DSRR10	MFDSR28
General				
Use on LV and HV systems	■	■	■	■
Accuracy of the meter	□	□	□	□
Number of samples per cycle	50 at 50 Hz	50 at 50 Hz	50 at 50 Hz	50 at 50 Hz
Instantaneous rms values				
Current, Total, Per phase & Neutral	■	—	■	■
Voltage, Average, Phase to Neutral & Phase to Phase	—	—	—	■
Frequency,	—	—	—	■
Active power (W) Total & per phase	■	—	■	■
Reactive power (VAR) Total & per phase	—	—	—	—
Apparent power (VA) Total & per phase	■	—	■	■
Power factor, Average & per phase	—	—	—	■
RPM, For generator only, speed calculated on generator voltage output and number of machine poles.	—	—	—	—
Energy values				
Active (Wh)	■	* ■	■	■
Reactive (VARh)	—	—	—	—
Apparent energy (VAh)	■	* ■	■	■
Single Source Metering	■	■	■	■
Dual Source Metering	■	—	■	■
Mounting				
Wall Mounted	—	—	—	—
Panel Mounted	■	■	■	■
Relay				
Relay - 1	—	—	■	□
Relay - 2	—	—	■	□
Display				
LED display	—	●	●	●
Communication				
RS-485 port	■	□	■	■
Modbus protocol	■	□	■	■
Calibration				
LED Pulse Output for Calibration	■	■	■	■

- 3 Line LED Display
- Optional Features
- ▲ Counter Display
- Not Available
- By Default
- * Wh/Vah one will be selected programmable

Ordering Selection

	DSR10	E N34	DSRR10	MFDSR28
Class 1.0	DSR1010	E N3410	DSRR1010	MFDSR2810
Class 0.5	DSR1005	E N3405	DSRR1005	MFDSR2805
Class1.0 with Relay O/P	-	-	DSRR1010	-
Class0.5 with Relay O/P	-	-	DSRR1005	-