



features



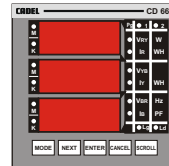
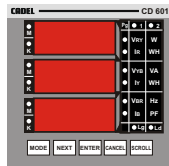
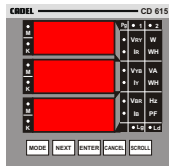
- Crisp, bright 3 row, 12.5 mm LED displays
- A single 3 Element Meter caters to 3 Wire / 4 Wire measurement
- Automatic scaling of display optimises readings
- Auto Scroll / Hold facility in multi-parameter models
- Cumulative Data retention for indefinite period in the absence of auxiliary supply
- Automatic correction of reverse power flow for Energy computation
- All editing functions are password protected
- Unique service support
 - Over-the-counter free replacement within warranty
 - Reduced rate replacement outside warranty (Optional)

PRODUCT SELECTION CHART

Sl. No.	Description	Model	Parameters	Typical application
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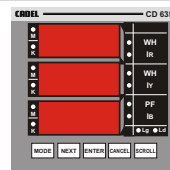
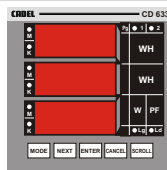
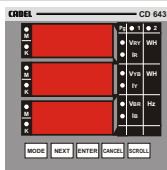
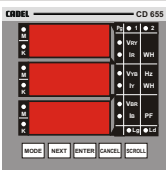
Load Managers

1.	Load Manager (with Peak Demand)	CD 615	V, I, Hz, W, VA, VAR, PF, WH, VAH, VARH, Pk Demand	Monitoring of Main Outgoing Feeders (including Peak Demand)
2.	Load Manager (Classic)	CD 601	V, I, Hz, W, VA, VAR, PF, WH, VAH, VARH	Monitoring of Main Outgoing Feeders
3.	Load Manager (Lite)	CD 661	V, I, Hz, W, PF, WH	Monitoring of important parameters for Outgoing Feeders



Multi Parameter Meters

1.	Compact Load Manager	CD 655	V, I, Hz, PF, WH	Compact Panels (for DG Sets, etc.)
2.	Compact Load Manager (Classic)	CD 643	V, I, Hz, WH	Compact Panels (for small DG Sets, etc.)
3.	Mini Load Manager	CD 633	WH, PF, W	Basic Power & Energy for outgoing feeders
4.	Energy Efficiency Manager	CD 635	WH, PF, I	For Outgoing Feeders & Load balance

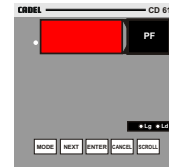
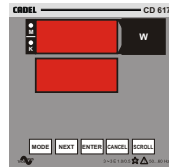
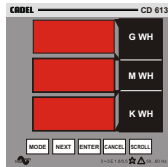


PRODUCT SELECTION CHART

Sl. No.	Description	Model	Parameters	Typical application
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Digital Energy, Power and Power Factor Meters

1.	Energy Meter	CD 613	WH (includes VAH & APF)	Measurement of Energy (9 digit reading)
2.	Active Power Meter	CD 617	W	Measurement of Active Power
3.	Power Factor Meter	CD 619	PF	Measurement of Power Factor (balanced & unbalanced loads)



Other models available

Sl.	Model Number	Parameters
1.	CD 603 / CD 605 / CD 607 / CD 609 / CD 611	V, I, W, VA, VAR, PF, WH / I, W, VA, VAR, PF, APF, WH, VARH / I, W, VA, VAR, PF, APF, WH, VAH / V, I, W, VA, PF, APF, WH / V, I, W, VAR, PF, APF, WH
2.	CD 667	I, W, VA, VAR, PF, WH
3.	CD 651 / CD 653 / CD 657	V, I, Hz, W, WH / V, I, Hz, W, PF / W, VA, VAR, PF, WH
4.	CD 641	V, I, Hz, W
5.	CD 631 / CD 637	W, VA, PF / W, VAR, PF
6.	CD 621 / CD 623 / CD 625	W, WH / PF, WH / I, WH

TECHNICAL SPECIFICATIONS

Configuration	: 3 Phase, 3 Element; 3 / 4 Wire	Resolution	:
Input Voltage	: User selectable from Rear Panel	Volts/Amp	: autoscaling depending on input
Nominal	: 415 V LT or 110 V through PT (line to line)	Frequency	: 0.1 Hz
Range	: 80% to 120% of Nominal	Power	: autoscaling depending on input
Input Current	: Factory Set	Power Factor	: 0.01
Nominal	: 5 A or 1A through CT	Energy	: 1 kWh upto 866 kW 10 kWh above 866 kW
Range	: 1% to 120% of Nominal	Aux Supply	: 150 - 270 V AC or DC
Input PF Range	: 0.5 Lag to Unity to 0.5 Lead	Burden	: 0.1 VA typical per Voltage / Current input, 2 VA typical on Aux. Supply
Computation	: True RMS for all Power & Energy Parameters	Ambient	: Temp. 0-50 deg C, RH < 95% non-condensing
Accuracy	: ± (0.5% of FS + 0.5% of Rdg + 1 digit) ± 0.2% for Frequency ± 1.0% of FS for Current	Weight	: 400 gm
Display	: 3 simultaneous displays of 3 digit, 12.5 mm, 7 segment, super-bright LEDs	Dimensions	: 96 x 96 mm (Bezel), x 91 mm
Isolation	: 2000 V AC for one minute	Panel Cutout	: (90+1-0) mm x (90+1-0) mm
Safety	: Measurement Category III, Pollution Degree 2 as per EN61010-1 First Edition	Mounting	: Slide and Lock clamp
		Warranty	: 15 months from date of manufacture OR 12 months from date of sale, whichever is earlier

Product improvements may result in changes in the product specifications without notice.

Accuracy Class 0.5 also available

Authorised Dealer

6xx Issue 0408

Designed, Manufactured and Marketed by

CADEL
TECHNOLOGIES PVT. LTD.

147F, 8th Main, III Block, Koramangala
BANGALORE - 560 034, INDIA
Telefax: 91 (80) 25523071 (3 Lines)
Email: sales@cadeltech.com
Web: <http://www.cadeltech.com>