

Metering Solutions

Selection Guide



MINI METER KITS

INDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100A	2 SOLID CTs	MK240-1SW
	200A	2 SOLID CTs	MK240-2SW

OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100A	2 SOLID CTs	MO240-1SW
	200A	2 SOLID CTs	MO240-2SW
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100A	2 Split CTs	MO240-01W
	200A	2 Split CTs	MO240-02W

NOTE: Kits include meter, specified enclosure and required current transformers

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SELECTION GUIDE

SERIES 1000 SINGLE PHASE METER KITS

INDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120V 1PH 2W	100	1 Split CT	1K120-01W
	200	1 Split CT	1K120-02W
	400	1 Split CT	1K120-04W
	800	1 Split CT	1K120-08W
	100	1 SOLID CT	1K120-1SW
	200	1 SOLID CT	1K120-2SW
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 Split CTs	1K240-01W
	200	2 Split CTs	1K240-02W
	400	2 Split CTs	1K240-04W
	800	2 Split CTs	1K240-08W
	100	2 SOLID CTs	1K240-1SW
	200	2 SOLID CTs	1K240-2SW
277V 1PH 2W	100	1 Split CT	1K277-01W
	200	1 Split CT	1K277-02W
	400	1 Split CT	1K277-04W
	800	1 Split CT	1K277-08W
	100	1 SOLID CT	1K277-1SW
	200	1 SOLID CT	1K277-2SW

OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120V 1PH 2W	100	1 Split CT	1O120-01W
	200	1 Split CT	1O120-02W
	400	1 Split CT	1O120-04W
	800	1 Split CT	1O120-08W
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 Split CTs	1O240-01W
	200	2 Split CTs	1O240-02W
	400	2 Split CTs	1O240-04W
	800	2 Split CTs	1O240-08W
277V 1PH 2W	100	1 Split CT	1O277-01W
	200	1 Split CT	1O277-02W
	400	1 Split CT	1O277-04W
	800	1 Split CT	1O277-08W

NOTE: Kits include meter, specified enclosure and required current transformers

SERIES 2000 THREE PHASE METER KITS

INDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120/208V 3PH 4W WYE kWh Meter	100	3 Split CTs	2K208-01W
	200	3 Split CTs	2K208-02W
	400	3 Split CTs	2K208-04W
	800	3 Split CTs	2K208-08W
	1200	3 Split CTs	2K208-12W
	100	3 SOLID CTs	2K208-1SW
	200	3 SOLID CTs	2K208-2SW
277/480 3PH 4W WYE kWh Meter	100	3 Split CTs	2K480-01W
	200	3 Split CTs	2K480-02W
	400	3 Split CTs	2K480-04W
	800	3 Split CTs	2K480-08W
	1200	3 Split CTs	2K480-12W
	100	3 SOLID CTs	2K480-1SW
	200	3 SOLID CTs	2K480-2SW
120/208V 3PH 4W WYE Demand Meter	100	3 Split CTs	2K208-01D
	200	3 Split CTs	2K208-02D
	400	3 Split CTs	2K208-04D
	800	3 Split CTs	2K208-08D
	1200	3 Split CTs	2K208-12D
277/480V 3PH 4W WYE Demand Meter	100	3 Split CTs	2K480-01D
	200	3 Split CTs	2K480-02D
	400	3 Split CTs	2K480-04D
	800	3 Split CTs	2K480-08D
	1200	3 Split CTs	2K480-12D

OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120/208V 3PH 4W WYE kWh Meter	100	3 Split CTs	2O208-01W
	200	3 Split CTs	2O208-02W
	400	3 Split CTs	2O208-04W
	800	3 Split CTs	2O208-08W
	1200	3 Split CTs	2O208-12W
277/480V 3PH 4W WYE kWh Meter	100	3 Split CTs	2O480-01W
	200	3 Split CTs	2O480-02W
	400	3 Split CTs	2O480-04W
	800	3 Split CTs	2O480-08W
	1200	3 Split CTs	2O480-12W

SELECTION GUIDE

SERIES 3000 ADVANCED KWH/DEMAND METER KITS

INDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120/208V 3PH 4W WYE	100	3 Split CTs	3K208-01D
	200	3 Split CTs	3K208-02D
	400	3 Split CTs	3K208-04D
	800	3 Split CTs	3K208-08D
	1600	3 Split CTs	3K208-16D
	3000	3 Split CTs	3K208-30D
	5000	3 Split CTs	3K208-50D
	100	3 SOLID CTs	3K208-1SD
	200	3 SOLID CTs	3K208-2SD
277/480V 3PH 4W WYE	100	3 Split CTs	3K480-01D
	200	3 Split CTs	3K480-02D
	400	3 Split CTs	3K480-04D
	800	3 Split CTs	3K480-08D
	1600	3 Split CTs	3K480-12D
	3000	3 Split CTs	3K480-30D
	5000	3 Split CTs	3K480-50D
	100	3 SOLID CTs	3K480-1SD
	200	3 SOLID CTs	3K480-2SD
347/600V 3PH 4W WYE	100	3 Split CTs	3K600-01D
	200	3 Split CTs	3K600-02D
	400	3 Split CTs	3K600-04D
	800	3 Split CTs	3K600-08D
	1600	3 Split CTs	3K600-16W
	3000	3 Split CTs	3K600-30D
	5000	3 Split CTs	3K600-50D
	100	3 SOLID CTs	3K600-1SD
	200	3 SOLID CTs	3K600-2SD
208 or 240V 3PH 3W DELTA	100	3 Split CTs	3K24D-01D
	200	3 Split CTs	3K24D-02D
	400	3 Split CTs	3K24D-04D
	800	3 Split CTs	3K24D-08D
	1600	3 Split CTs	3K24D-16D
	3000	3 Split CTs	3K24D-30D
	5000	3 Split CTs	3K24D-50D
480V 3PH 3W DELTA	100	3 Split CTs	3K48D-01D
	200	3 Split CTs	3K48D-02D
	400	3 Split CTs	3K48D-04D
	800	3 Split CTs	3K48D-08D
	1600	3 Split CTs	3K48D-16D
	3000	3 Split CTs	3K48D-30D
	5000	3 Split CTs	3K48D-50D

NOTE: Kits include meter, specified enclosure and required current transformers

SERIES 3000 ADVANCED KWH/DEMAND METER KITS CONT.

OUTDOOR ENCLOSURE

Voltage	Amps	CTs Included	Leviton P/N
120/208V 3PH 4W WYE	100	3 Split CTs	3O208-01D
	200	3 Split CTs	3O208-02D
	400	3 Split CTs	3O208-04D
	800	3 Split CTs	3O208-08D
	1600	3 Split CTs	3O208-16D
	3000	3 Split CTs	3O208-30D
	5000	3 Split CTs	3O208-50D
277/480V 3PH 4W WYE	100	3 Split CTs	3O480-01D
	200	3 Split CTs	3O480-02D
	400	3 Split CTs	3O480-04D
	800	3 Split CTs	3O480-08D
	1600	3 Split CTs	3O480-16D
	3000	3 Split CTs	3O480-30D
	5000	3 Split CTs	3O480-50D
347/600V 3PH 4W WYE	100	3 Split CTs	3O600-01D
	200	3 Split CTs	3O600-02D
	400	3 Split CTs	3O600-04D
	800	3 Split CTs	3O600-08D
	1600	3 Split CTs	3O600-16D
	3000	3 Split CTs	3O600-30D
	5000	3 Split CTs	3O600-50D
208 or 240V 3PH 3W DELTA	100	3 Split CTs	3O24D-01D
	200	3 Split CTs	3O24D-02D
	400	3 Split CTs	3O24D-04D
	800	3 Split CTs	3O24D-08D
	1600	3 Split CTs	3O24D-12D
	3000	3 Split CTs	3O24D-30D
	5000	3 Split CTs	3O24D-50D
480V 3PH 3W DELTA	100	3 Split CTs	3O48D-01D
	200	3 Split CTs	3O48D-02D
	400	3 Split CTs	3O48D-04D
	800	3 Split CTs	3O48D-08D
	1600	3 Split CTs	3O48D-16D
	3000	3 Split CTs	3O48D-30D
	5000	3 Split CTs	3O48D-50D

SELECTION GUIDE

HOW TO SELECT THE RIGHT METER

STEP A - DETERMINING WHAT METER SERIES TO USE

1. Electrical service to be metered (WYE, DELTA, Single Phase or Split phase; see matrix below)
 - a. If 1 Phase, use Mini Meter or Series 1000
 - b. If 3 Phase 4 Wire, use Series 2000 or Series 3000
 - c. If 3 Phase 3 Wire or above 1200 Amps, use Series 3000
2. Data requirements
 - a. If kWh consumption only, use Series 1000, Series 2000 or Mini Meter
 - b. If local peak demand reset, select Series 2000* or Series 3000
 - c. If additional data parameters (Volts, Amps, Power Factor, etc.), use Series 3000

STEP B - DETERMINING WHICH METER CATALOG NUMBER TO USE

1. Where is the meter going to be installed (i.e. indoor or outdoor)?
2. Voltage rating (120/208V, 277/480V, 480V DELTA, etc.)
 - a. If Series 1000, determine 1 or 2 phases (hot legs)
3. Current (amperage) rating (i.e. 200A)
4. Solid core CTs or split core CTs
 - a. Split - easy to retrofit
 - b. Solid - cost savings
5. Colocation of multiple meters? If yes, MMUs may be advantageous, consult factory representative

ELECTRICAL CONFIGURATION MATRIX

	LEVITON METER FAMILIES			
ELECTRICAL SERVICE CONFIGURATIONS	MINI METER	SERIES 1000	SERIES 2000	SERIES 3000
120V 1PH 2W	X	X		X
120/240V 1PH 3W	X	X		X
120/208V 3PH 4W WYE			X	X
240V 3PH 3W DELTA				X
277V 1PH 2W		X		X
277/480V 2PH 3W		X		X
277/480V 3PH 4W WYE			X	X
480V 3PH 3W DELTA				X
347/600V 2PH 3W				X
347/600V 3PH 4W				X

*Demand provides a manual peak demand reset key. If meter is to be connected to a Leviton Monitoring Hub via pulse output or ModBus, this option is not required. The Hub will provide logging of data every 15 minutes for peak demand calculations.

METER KITS PART NUMBER KEY				
BASIC			DASH	
SERIES	KIT TYPE	VOLTAGE	CT TYPE*	OPTION
1 = Series 1000	K = Indoor	120 = 1 pole, 120V, 1PH, 2W	01 = 100	W = kWh meter
2 = Series 2000	O = Outdoor	277 = 1 pole, 277V, 1PH, 2W	02 = 200	D = Demand
3 = Series 3000		240 = 2 pole, 120/208/240V, 2PH, 3W WYE or Split	04 = 400	
M = Mini Meter		208 = 3 pole, 120/208V, 3PH, 4W WYE	08 = 800	
		480 = 3 pole, 277/480V, 3PH, 4W WYE	12 = 1200	
		24D = 3 pole, 208V or 240V, 3PH, 3W DELTA	16 = 1600	
		48D = 3 pole, 480V, 3PH, 3W DELTA	30 = 3000	
		347 = 3 pole, 347/600V, 3PH, 4W WYE	50 = 5000	
			1S = 100 SOLID	
			2S = 200A SOLID	
			4S = 400A SOLID	

*All CTs split core unless denoted SOLID