

Description:

Nav-Tech utility service packages combine CT cabinets, meter enclosures, and where required, fused disconnects into complete, utility-specific service solutions. Available for Eversource, PSEG NJ, JCP&L, FPL, Duke Energy, and National Grid territories, these packages range from 200A to 4000A at up to 600VAC, with bar- or window-style CTs in 14GA or 16GA galvanized steel NEMA 3R construction. Ringless meter openings, utility-specific test switch pole arrangements and wire harnesses, ANSI 61 powder-coat finish, and standard arc barriers deliver durability, flexibility, and UL 414 and UL Standard 90 compliance across a wide range of utility-approved installations.

Contents:

Eversource Commercial Utility Service Package
New Jersey Service Utility Packages – PSEG NJ & JCP&L
FPL Commercial Utility Service Package
Duke Commercial Utility Service Package
National Grid Utility Packages





Features (Cabinets)

- Box and cover NEMA 3R construction - galvanized sheet steel (16GA).
- Finish: Powdercoat gray enamel.
- Manufacturer name plate included.
- CT mounting backplates & hardware included.
- Embossed holes in rear for mounting cabinet.
- N-150 bonded grounding lug.
- *Cover type either hinge or lift-off.

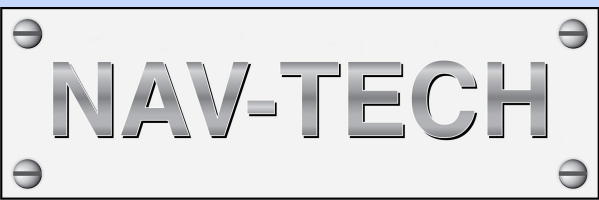
Features (Meters)

- ANSI 61 powder coated galvanized steel, aluminum or stainless steel options.
- UL Listed.
- Ringless type meter opening.
- Duke utility specific test switch pole arrangements.
- Clear lexan or black fiberglass test switch covers available.
- Standard utility sealable options.
- 1 piece front cover.
- Duke utility specific wire harnesses.
- Arc barrier standard.

Product Selection

	Part Number	H x W x D (Inches)	Amperage (A)	Installation Type	Installation Voltage (MAX VAC)	Max Conductors Per Phase	Material / Construction	*Cover Type
CT Cabinets	NAV-DE-CTR-6	34 x 32 x 12	600	1 or 3 - Phase 4-Wire	600	See Duke Energy regional service requirements	14GA Galv Steel NEMA 3R	Lift-Off Screw Cover w/ Sealing Latch
	NAV-DE-CTR-12	40 x 40 x 14	1200	1 or 3 - Phase 4-Wire	600	See Duke Energy regional service requirements	14GA Galv Steel NEMA 3R	Padlockable French Door w/ 3-Pt Catch

	Part Number	H x W x D (Inches)	Amperage (A)	Installation Type	Installation Voltage (MAX VAC)
Meters	NAV-DECM-MS10P-3	20 x 12.25 x 5	30	3-Phase 4-Wire	600
	NAV-DECM-MS10P-1	21 x 14.25 x 5	30	1-Phase 3-Wire	600





Features (Cabinets)

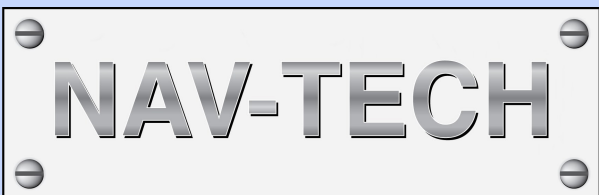
- Box and cover NEMA 3R construction - galvanized sheet steel (14GA).
- Finish: Powdercoat gray enamel.
- UL 414 listed.
- Bus bars - copper 98% conductivity.
- Box shall have name plate with manufacturers.
- 800A or 1200A, 600VAC MAX 3ø 4W - rated for 50kA SCCR.
- Grade 5 hardware.
- Wire connection torque: 500 in-lb.
- CT landing bolt torque: 660 in-lb.
- 2000A-4000A rated at 100kA SCCR.

Features (Meters)

- ANSI 61 powder coated galvanized steel, aluminum or stainless steel options.
- UL Listed.
- Ringless type meter opening.
- Eversource utility specific test switch pole arrangements.
- Clear lexan or black fiberglass test switch covers available.
- Standard utility sealable options.
- 1 piece front cover.
- Eversource utility specific wire harnesses.
- Arc barrier standard.

Product Selection

	Part Number	H x W x D (Inches)	Amperage (A)	Installation Type	Installation Voltage (MAX VAC)	MAX Sets Line/Load
CT Cabinets	NAV-ES-CTR-8	36 x 47 x 10	800	3-Phase 4-Wire	600	(2) 600 MCM or (4) 250 MCM
				1-Phase 3-Wire		
	NAV-ES-CTR-12	48 x 48 x 12	1200	3-Phase 4-Wire	600	600 MCM
	NAV-ES-CTR-20	60 x 40 x 20	2000	3-Phase 4-Wire	600	600 MCM
	NAV-ES-CTR-30	68 x 40 x 20	3000	3-Phase 4-Wire	600	600 MCM
	NAV-ES-CTR-40	68 x 40 x 20	4000	3-Phase 4-Wire	600	600 MCM
Meters	NAV-ES-MS10P-3	21 x 14.25 x 5	30	3-Phase 4-Wire	600	
	NAV-ES-MS7P-1	21 x 14.25 x 5	30	1-Phase 3-Wire	600	





Features (Cabinets)

- Box and cover NEMA 3R construction - galvanized sheet steel (14GA).
- Finish: Powdercoat gray enamel.
- UL 414 listed.
- Manufacturer name plate included.
- 800A or 1200A, 600VAC MAX 3ø 4W - rated for 50kA SCCR.
- Grade 5 hardware.
- Wire connection torque: 500 in-lb.
- CT landing bolt torque: 660 in-lb.

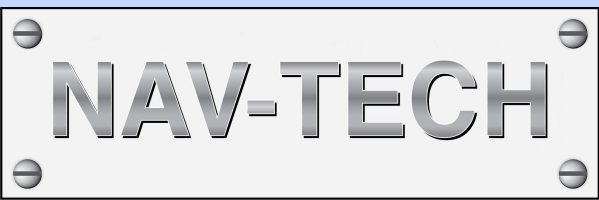
Features (Meters)

- ANSI 61 powder coated galvanized steel, aluminum or stainless steel options.
- UL Listed.
- Ringless type meter opening.
- FPLC utility specific test switch pole arrangements.
- Clear lexan or black fiberglass test switch covers available.
- Standard utility sealable options.
- 1 piece front cover.
- FPLC utility specific wire harnesses.
- Arc barrier standard.

Product Selection

CT Cabinets	Part Number	H x W x D (Inches)	Installation Type	Installation Voltage (MAX VAC)	Max Conductors Per Phase	Material / Construction
	NAV-FPL-CTR-343212	34 x 32 x 12	3-Phase 4-Wire	600	2 Sets 600 MCM	14GA Galv Steel NEMA 3R
	NAV-FPL-CTR-463015	46 x 30 x 15	3-Phase 4-Wire	600	4 Sets 600 MCM	14GA Galv Steel NEMA 3R
	NAV-FPL-CTR-544215	54 x 42 x 15	3-Phase 4-Wire	600	4 Sets 600 MCM	14GA Galv Steel NEMA 3R
	NAV-FPL-CTR-XL	46 x 30 x 16 (MIN dimensions)	3-Phase 4-Wire	600	As Required	14GA Galv Steel NEMA 3R

Meters	Part Number	H x W x D (Inches)	Amperage (A)	Installation Type	Installation Voltage (MAX VAC)
	NAV-FPL-MS10P-3	20 x 12.25 x 5	30	3-Phase 4-Wire	600
	NAV-FPL-MS7P-1	21 x 14.25 x 5	30	1-Phase 3-Wire	600





Features (Cabinets)

- Powder coated NEMA 3R construction with code gauge steel.
- Rated 200A up to 4000A, 600V MAX.
- Furnished & unfurnished configurations with mounted studs.
- Stainless steel hardware.
- Bar style and window style CT's.
- Bonded or isolated neutrals available.
- 600 MCM lugs standard. Larger lugs available by request.
- UL Listed.

Features (Disconnects)

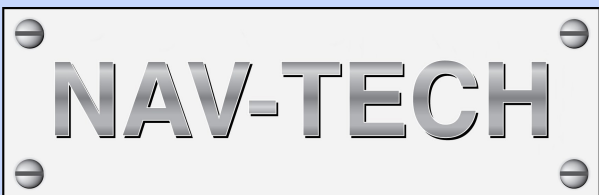
- 200A-4000A MAX 600V disconnects available.
- Listed per UL Standard 90, enclosed and dead front switches.
- UL Service Entrance rated when installed in accordance with the National Electrical Code.
- General or heavy duty.
- Padlockable in off position.
- Underground and overhead exit/entry provisions.
- Neutral to ground bonding kit included standard.
- Line side top configuration standard, line bottom configuration available by request.
- Disconnect switches are fused.
- Viewing window for solar disconnects available by request.

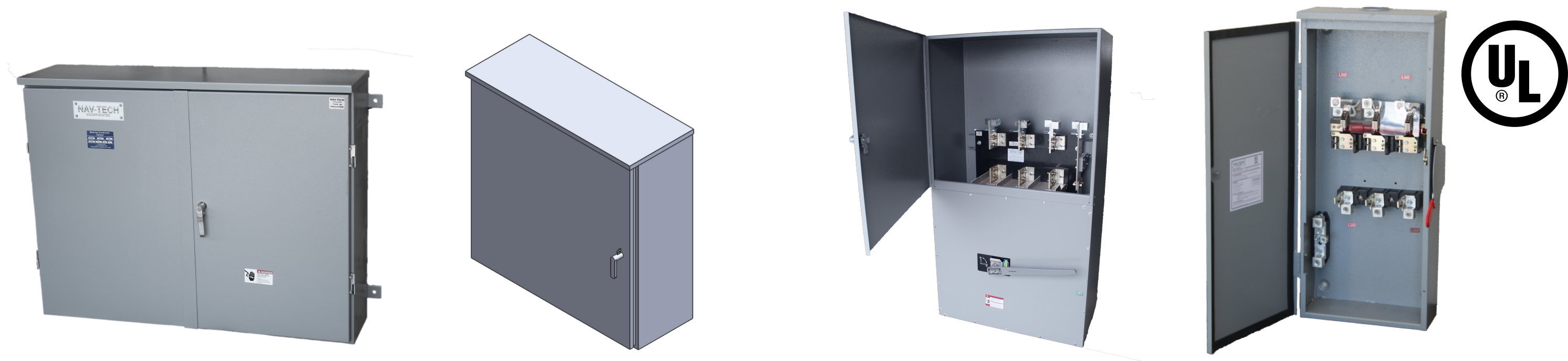
Product Selection (Disconnects)

Part Number	Amperage (A)	Voltage (V)	Phase/Wires	Type	H x W x D (Inches)	Fuse Type
NAV-SS 200-3-F	200	250 MAX	3PH/4W	Indoor	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 200-3-F-R	200	250 MAX	3PH/4W	Outdoor	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 400-3-F	400	250 MAX	3PH/4W	Indoor	49.5 x 22 x 10-1/2	(H) or (K)
NAV-SS 400-3-F-R	400	250 MAX	3PH/4W	Outdoor	49.5 x 22 x 10-1/2	(H) or (K)
(Amps) BPS-T	400-4000	600 MAX	3PH/4W	Indoor	Variable	(J) or (L)
(Amps) BPS-B	400-4000	600 MAX	3PH/4W	Indoor	Variable	(J) or (L)
(Amps) BPS-T-3R	400-4000	600 MAX	3PH/4W	Outdoor	Variable	(J) or (L)
(Amps) BPS-B-3R	400-4000	600 MAX	3PH/4W	Outdoor	Variable	(J) or (L)

Product Selection (Cabinets)

		Part Number	Amperage (A)	Voltage (V)	Type	H x W x D (Inches)	CT Type
PSEG NJ		PNJ-CT4-800	800	600 MAX	Indoor	36 x 28 x 10	Bar
		PNJ-CT4-800R	800	600 MAX	Outdoor	36 x 28 x 10	Bar
		NAV-NJ-CT-(Amps)	801-4000	600 MAX	Indoor	60 x 40 x 20	Window
		NAV-NJ-CTR-(Amps)	801-4000	600 MAX	Outdoor	60 x 40 x 20	Window
JCP&L		NAV-FE-CT-8	800	600 MAX	Indoor	47 x 36 x 10	Window or Bar
		NAV-FE-CTR-8	800	600 MAX	Outdoor	47 x 36 x 10	Window or Bar
		NAV-FE-CT-(Amps)	801-2000	600 MAX	Indoor	60 x 40 x 20	Window
		NAV-FE-CTR-(Amps)	801-2000	600 MAX	Outdoor	60 x 40 x 20	Window
		NAV-FE-377CT-(Amps)	2001-4000	600 MAX	Indoor	90 x 50 x 20	Window
		NAV-FE-377CTR-(Amps)	2001-4000	600 MAX	Outdoor	90 x 50 x 20	Window





Features (Cabinets)

- Enclosure body and cover constructed of galvanized steel.
- ANSI 61 gray polyester powder paint finish inside and out.
- Double door configuration with 3-point latch and padlockable handle.
- Single door configuration screw fastened with padlockable handle.
- Grounding stud for equipment grounding.
- NEMA 3R outdoor Shed roof Construction preventing rain water ingress.
- Gasketed front cover With provisions to hold doors open.
- Lift-off hinges factory installed.
- No knockouts.
- Galvanized steel backplate factory installed.
- UL Listed.

Features (Disconnects)

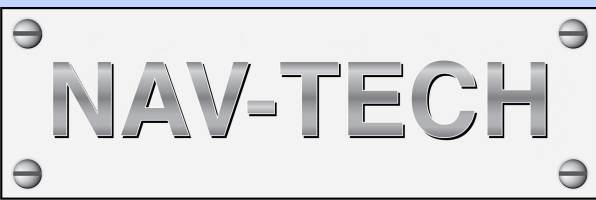
- 200A-4000A MAX 600V disconnects available.
- Listed per UL Standard 90, enclosed and dead front switches.
- UL Service Entrance rated when installed in accordance with the National Electrical Code.
- General or heavy duty.
- Padlockable in off position.
- Underground and overhead exit/entry provisions.
- Neutral to ground bonding kit included standard.
- Line side top configuration standard, line bottom configuration available by request.
- Disconnect switches are fused.

Product Selection (Disconnects)

Part Number	Amperage (A)	Voltage (V)	Phase/Wires	Type	H x W x D (Inches)	Fuse Type
NAV-SS 200-3-F	200	250 MAX	3PH/4W	Indoor	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 200-3-F-R	200	250 MAX	3PH/4W	Outdoor	31-1/4 x 13 x 7	(H) or (K)
NAV-SS 400-3-F	400	250 MAX	3PH/4W	Indoor	49.5 x 22 x 10-1/2	(H) or (K)
NAV-SS 400-3-F-R	400	250 MAX	3PH/4W	Outdoor	49.5 x 22 x 10-1/2	(H) or (K)
(Amps) BPS-T	400-4000	600 MAX	3PH/4W	Indoor	Variable	(J) or (L)
(Amps) BPS-B	400-4000	600 MAX	3PH/4W	Indoor	Variable	(J) or (L)
(Amps) BPS-T-3R	400-4000	600 MAX	3PH/4W	Outdoor	Variable	(J) or (L)
(Amps) BPS-B-3R	400-4000	600 MAX	3PH/4W	Outdoor	Variable	(J) or (L)

Product Selection (Cabinets)

	Part Number	H x W x D (Inches)	Amperage (A)	Installation Type	Installation Voltage (VAC)
Single Hinged Door	NAV-NG-CTR-8	36 x 36 x 10	400	1-Phase 3-Wire	250
			800	3-Phase 4-Wire	600
Double Hinged Door	NAV-NG-CTR8-FD	36 x 47 x 10	400	1-Phase 3-Wire	250
			800	3-Phase 4-Wire	600

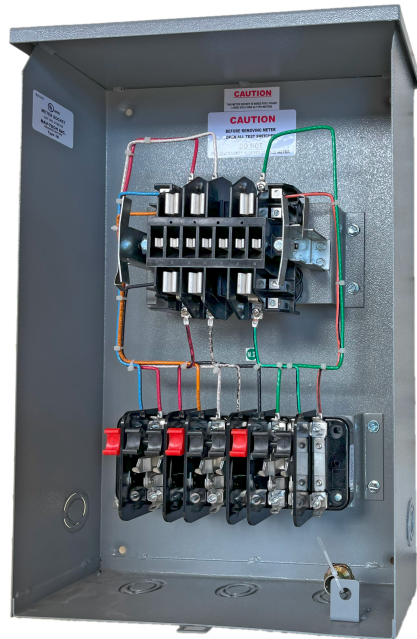


CT Cabinet Features

- CT Cabinets rated up to 4,000 Amps.
- Entrance boxes rated up to 8800 Amps.
- 250V & 480V Applications.
- Utility sealable.
- Furnished with copper detail above 400A.
- custom sizes & configurations available.
- Indoor & outdoor configurations.
- UL 50, UL 891 compliant, PSEG LI approved.
- Galvanized sheet steel powder coated wrinkle gray.
- Larger lugs or additional sets in/out available by request.

Meter Pan Features

- Underground, side entry/exit.
- ANSI 61 Powder coated Galvanized steel, aluminum or Stainless Steel options.
- UL listed meter socket.
- Ringless meter opening.
- Stranded #12 wire.
- Standard Utility Sealable options.
- 1 piece front cover.
- Specific wire harnesses.
- PSEG Long Island.
- Exiting wire harness not included.



Outdoor versions available*

		Catalog Number	Line Sets	Load Sets	Amperage (A)	Voltage (V)	Dimensions (Inches)
Service Entrance Boxes		NAV-EO-48-9525B	1 (600 MCM)	2 (600 MCM)	400	250 MAX	48 x 24 x 16
		NAV-EO-54-9525B	1 (600 MCM)	3 (600 MCM)	800	250 MAX	54 x 24 x 16
		NAV-EO-68-9072B	2 (600 MCM)	5 (600 MCM)	2000	250 MAX	68 x 26 x 18
		NAV-EO-78-9073B	6 (600 MCM)	7 (600 MCM)	2800	250 MAX	78 x 40 x 18
		NAV-EO-84-9073B	10 (600 MCM)	14 (600 MCM)	5600	250 MAX	84 x 40 x 30
		NAV-EO-92-9073B	10+ (600 MCM)	16+ (600 MCM)	8800	250 MAX	92 x 48 x 30
CT Cabinets		NAV-PG-CT-12	4 (500 MCM)	4 (500 MCM)	1200	600 MAX	72 x 36 x 15
		NAV-PG-377CT-2000	5 (600 MCM)	5 (600 MCM)	2000	240/480	90 x 50 x 20
		NAV-PG-377CT-2500	6 (600 MCM)	6 (600 MCM)	2500	240/480	90 x 50 x 20
		NAV-PG-377CT-3000	8 (600 MCM)	8 (600 MCM)	3000	240/480	90 x 50 x 20
		NAV-PG-377CT-4000	10 (600 MCM)	10 (600 MCM)	4000	240/480	90 x 50 x 20

		Catalog Number	Phase	Wiring	Amperage (A)	Voltage (V)	Dimensions (Inches)
Meter Boxes		NAV-PG-MS7P-208-1	1	Prewired	30	600	21-1/4 x 14-1/2 x 5-3/8
		NAV-PG-MS10P-208-3	3	Prewired	30	600	21-1/4 x 14-1/2 x 5-3/8

