



SOUNDPROOF AND WEATHERPROOF

Solutions for industrial power systems

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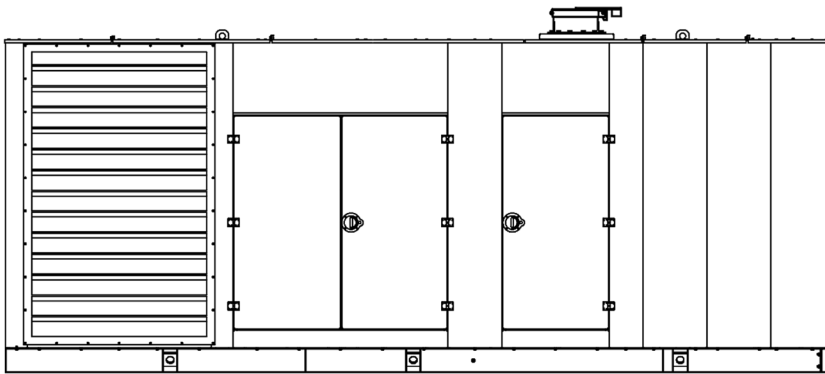


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SOUNDPROOF AND WEATHERPROOF SOLUTIONS

The **ELECTRONIL** Soundproof and Weatherproof Enclosures are designed to protect the generator set against adverse weather conditions, extreme dust and temperatures, unwanted entries for the safety and security equipment, Customer's operation and people interface.

Developed through continuing research and development by our specialist engineers, all **ELECTRONIL** Enclosures are fully weatherproof and incorporate internally mounted subbase fuel tank, and exhaust silencers. Designed on modular principles, they have interchangeable components permitting on-site repair.

Extremely durable and robust, The **ELECTRONIL** Soundproof and Weatherproof Enclosures are designed to resist corrosion and handling damage with the ability to withstand rough handling common on many construction sites.

SECURITY AND SAFETY

- Control panel viewing window in a lockable access door.
- Emergency stop push-button (red) mounted on enclosure exterior.
- Cooling fan and battery charging alternator fully guarded.
- Fuel and battery can only be reached via lockable access doors.
- Exhaust silencing system totally enclosed (some models) for operator safety.

TRANSPORTABILITY

- Optional tested and lifting arch.
- Lifting points on base frame.

ROBUST/ HIGHLY CORROSION RESITANT

- Galvanized steel protected by powder coat paint.
- Stainless steel locks and hinges.
- Zinc plated or stainless-steel fasteners.

EXCELLENT ACCESS FOR MAINTENANCE

- Two large doors on each side.
- Radiator access plate.
- Lube oil drain valves / Coolant drain valves.

SOUNDPROOF

ENCLOSURES

WEATHER ENCLOSURE FEATURES

- Internal-mounted, exhaust silencer with rain cap.
- Lift base or tank-mounted, steel construction with hinged and removable doors.
- Fade-, scratch-, and corrosion-resistant texture finish.
- Enclosures has four/six large access doors which allow for easy maintenance.
- Lockable, flush-mounted door latches.
- Air inlet louvers reduce rain entry.

SOUND ENCLOSURE FEATURES

- Includes all of the weather enclosure features with the addition of acoustic insulation material.
- Louvered air inlet and outlet to redirect air and reduce noise.
- Acoustic insulation that meets standard classification.
- Soundproofing enclosures that offers an average of 75 dB(A) sound level at 7m using acoustic insulation, acoustic-lined air inlets and an acoustic-lined air discharge.
- Super soundproofing enclosures that offers an average of 75 dB(A) sound level at 1m are available as an option.

SUBBASE FUEL TANK FEATURES

- The above-ground rectangular secondary containment tank mounts directly to the generator set, below the generator set, within skid (subbase).
- Inner and outer tanks available as an option.
- Flexible fuel lines are provided with subbase fuel tank selection.
- The containment tank's construction protects against fuel leaks or ruptures.
- Subbase fuel tanks capacity offers full load prime operation of up to 8 hours.
- Textured epoxy-based rubberized coating that creates an ultra-thick barrier between the tank and harsh environmental conditions like humidity, saltwater, and extreme temperatures, and provides advanced corrosion and abrasion protection.
- Integral external lift lugs. Enables crane with spreader-bar lifting of the complete package (empty tank, mounted generator set, and enclosure) to ensure safety.
- Emergency pressure relief vents. Ensures adequate venting of fuel tank under extreme pressure and/or emergency conditions.
- Normal vent with cap.
- Fuel level sender with fuel level and low and high fuel warning annunciated through the generator set controller.

Discover more at electronil.com/enclosures

ED P Series

ED P Series Designates A 50 Hz Generator Set with A Fuel Optimized Perkins Diesel Engines and Stamford/Leroy Somer Generators.

ED C Series

ED C Series Designates A 50 Hz Generator Set with A Fuel Optimized Cummins G Drive Diesel Engines and Stamford/Leroy Somer Generators.

ED V Series

ED V Series Designates A 50 Hz Generator Set with A Fuel Optimized Volvo Penta Diesel Engines and Stamford/Leroy Somer Generators.

GENSET CODE	DIMENSIONS AND WEIGHT SOUNDPROOF CANOPY			
	(L)	(W)	(H)	WEIGHT
	cm	cm	cm	kg
ED0013P03	200	100	120	795
ED0015P03	200	100	120	795
ED0020P03	200	100	120	865
ED0030P03	215	110	140	1175
ED0045P03	250	110	140	1405
ED0060P03	250	110	140	1435
ED0065P04	250	110	140	1550
ED0080P04	270	120	150	1600
ED0100P04	270	120	150	1710
ED0135P06	330	130	165	2220
ED0150P06	330	130	165	2320
ED0180P06	330	130	165	2370
ED0200P06	375	150	185	2515
ED0250P06	375	150	185	2965
ED0300P06	400	165	200	3225
ED0350P06	450	165	200	3855
ED0400P06	450	165	200	3990
ED0450P06	500	200	230	4650
ED0500P06	500	200	230	4780
ED0600P06	500	200	230	5345
ED0650P06	500	200	230	5735
ED0750P06	550	250	280	6690
ED0800P06	550	250	280	6690
ED0900P08	750	290	320	8940
ED1000P08	750	290	320	9100
ED1250P12	750	290	320	10550
ED1360P12	750	290	320	10550
ED1500P12	750	290	320	9920
ED1700P12	750	290	320	10960
ED1800P16	800	300	350	12130
ED2000P16	800	300	350	12410
ED2200P16	800	300	350	12625

GENSET CODE	DIMENSIONS AND WEIGHT SOUNDPROOF CANOPY			
	(L)	(W)	(H)	WEIGHT
	cm	cm	cm	kg
ED0100C06	330	130	165	1665
ED0135C06	330	130	165	2250
ED0150C06	375	150	185	2115
ED0200C06	375	150	185	2315
ED0250C06	375	150	185	2690
ED0300C06	400	165	200	3055
ED0350C06	500	200	230	4170
ED0400C06	500	200	230	4170
ED0500C06	500	200	230	4805
ED0630C12	550	250	280	6510
ED0750C12	550	250	280	6900
ED0800C06	750	290	320	7350
ED0900C12	750	290	320	8650
ED1000C12	750	290	320	9770
ED1250C16	800	300	350	11160
ED1360C16	800	300	350	12690
ED1500C16	900	350	380	12950
ED1875C16	900	350	380	16245
ED2000C16	900	350	380	16525
ED2750C18	900	350	380	16700

GENSET CODE	DIMENSIONS AND WEIGHT SOUNDPROOF CANOPY			
	(L)	(W)	(H)	WEIGHT
	cm	cm	cm	kg
ED0085V04	270	120	150	1600
ED0100V04	270	120	150	1710
ED0135V06	330	130	165	2300
ED0150V06	330	130	165	2335
ED0180V06	375	150	185	2555
ED0200V06	375	150	185	2850
ED0250V06	450	165	200	3980
ED0300V06	450	165	200	4165
ED0350V06	450	165	200	4300
ED0400V06	500	200	230	4925
ED0450V06	500	200	230	5055
ED0500V06	550	250	280	5185
ED0590V06	500	200	230	5345
ED0630V06	500	200	230	5735
ED0700V06	550	250	280	6690

Dimensions and Weight are for Reference Only – Do Not Use for Installation Design.

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Materials and specification characteristics may change without notice.

Dimensions and weights are for preliminary purposes only. Please consult **ELECTRONIL POWER SOLUTIONS** Technical Department for detailed installation drawings.

All information in this document is substantially correct at time of printing and may be altered subsequently.