

**Super Quiet Generators**

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SUPER QUIET GENERATORS  
**T180 & T240**

**Specifications**

| System Power Output                        | T180                        | T240                        |
|--|-----------------------------|-----------------------------|
| Prime 3 phase power                        | 145 kW / 181 kVA            | 190 kW / 237 kVA            |
| Standby 3 phase power                      | 168 kW / 210 kVA            | 220 kW / 275 kVA            |
| Available 3 phase voltage                  | 208 / 220 / 240 / 440 / 480 | 208 / 220 / 240 / 440 / 480 |
| Associated 3 phase amps (0.8 power factor) | 502 / 475 / 435 / 238 / 218 | 658 / 622 / 570 / 311 / 285 |
| Prime 1 phase power                        | 98 kW / 98 kVA              | 121 kW / 121 kVA            |
| Available 1 phase voltage                  | 120 / 240                   |                             |
| Associated 1 phase Amps (1.0 power factor) | 816 / 408                   | 1008 / 504                  |
| Max Amp rating (main breaker size)         | 600A                        | 800A                        |

**Engine**

|                                |   |                  |
|--------------------------------|---|------------------|
| Manufacturer, model            | Cummins, GSB7-G3  | Cummins, QSB7-G5 |
| Horsepower - Prime (1800 rpm)  | 217 hp (162 kWm)  | 279 hp (208 kWm) |
| Description                    | Tier III, 6 cyl., 4-cycle, water cooled, OHV, in-line, direct injection |                  |
| Aspiration                     | Turbocharged and Charge Air Cooled                                      |                  |
| Bore & stroke                  | 4.21 x 4.88 in (107 x 124 mm)   |                  |
| Piston displacement            | 409 in <sup>3</sup> (6.7 L)   |                  |
| Compression ratio              | 17.3 : 1  |                  |
| Exhaust system                 | Critical grade silencer   |                  |
| Monitoring gauges              | Oil pressure, water temperature, fuel level, battery voltage, hours     |                  |
| Coolant capacity (engine only) | 10.6 qts (10 L)   |                  |
| Cooling system                 | Liquid Cooled - Air to AirCAC - Rated to 120° F Ambient                 |                  |

# Super Quiet Generator T180 & T240

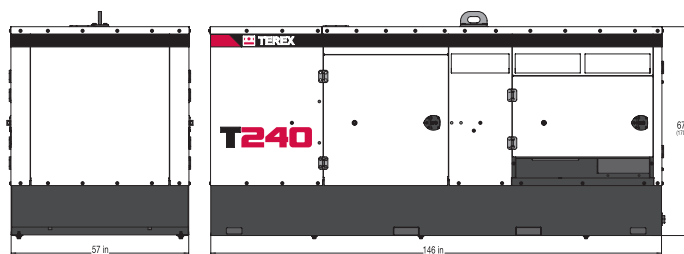
## Specifications

| Fuel System              | T180   | T240                          |
|--------------------------|--|-------------------------------|
| Fuel specification       | #2 diesel  |                               |
| Filter                   | Fuel/water separator                                 |                               |
| Capacity                 | 255 gal (901 L)                                      |                               |
| Tank and containment     | Internal fuel tank with 110% fluid spill containment |                               |
| Consumption and run time | - Full Load  | 11.2 gal/hr (42 L/hr) 23 hr   |
|                          | - ¾ Load   | 8.6 gal/hr (32 L/hr) 30 hr    |
|                          | - Half Load  | 6.2 gal/hr (23 L/hr) 41 hr    |
|                          |  | 13.3 gal/hr (50.3 L/hr) 19 hr |
|                          |  | 10.6 gal/hr (40.1 L/hr) 24 hr |
|                          |  | 7.8 gal/hr (29.5 L/hr) 32 hr  |

| System Controls and Distribution |  |
|----------------------------------|--|
| Governor                         | ECM Controlled   |
| Protection (safety shutdowns)    | Low oil pressure, high water temperature, overcrank, overspeed, underspeed |
| Generator gauges                 | Voltmeter, ammeter, Hz meter   |
| Receptacles, 120 V               | 2 Each 20 Amp GFCI Duplex  |
| Receptacles, 240 V               | 3 Each 50 Amp Tempower T/L   |
| Primary distribution             | 5 lug terminals with mainline circuit breaker                              |

| Packaging                             |  |
|---------------------------------------|--|
| Enclosure                             | Sound attenuated, weatherproof with lockable doors |
| Sound levels                          | 68 dBA at 23 ft (7 m)                              |
| Lifting system                        | Roof-mounted, single point                         |
| Weight (no trailer)                   | <b>T180</b> <b>T240</b>                            |
| - empty                               | 5,904 lb (2,678 kg)      6,345 lb (2,878 kg)       |
| - full                                | 7,587 lb (3,441 kg)      8,028 lb (3,641 kg)       |
| Dimensions – L x W x H (no trailer)   | 146 x 57 x 67 in (370 x 145 x 170 cm)              |
| Weight (with trailer)                 | <b>T180</b> <b>T240</b>                            |
| - empty                               | 7,615 lb (3,454 kg)      8,056 lb (3,564 kg)       |
| - full                                | 9,298 lb (4,217 kg)      9,739 lb (4,418 kg)       |
| Dimensions – L x W x H (with trailer) | 226 x 84.2 x 88.4 in (576 x 214 x 224 cm)          |

| Generator                   | T180   | T240                      |
|-----------------------------|--|---------------------------|
| Rating (0.8 power factor)   | 165 kW 3 phase @ 480/240V                      | 240 kW 3 phase @ 480/240V |
| Description                 | Brushless, 4 Pole, synchronous, single bearing |                           |
| Insulation                  | Class H  |                           |
| Temperature rating          | 125° C rise over 40° C ambient                 |                           |
| Automatic voltage regulator | External, solid state, adjustable              |                           |
| Voltage regulation          | +/- 1%   |                           |



## Options and Accessories

| Trailer Options                                 |
|---|
| Trailer hitch, 2 5/16 in ball (12,000 lb rated) |
| Trailer taillight connector, 4 pole flat        |
| Spare tire (mounts on A frame)                  |
| Center-mounted jack                             |
| LED trailer lights                              |

| Power & Productivity Options                    |
|---|
| Battery disconnect switch                       |
| 5A battery charger                              |
| Block heater                                    |
| Tank coolant heater with panel receptacle       |
| Cam lock distribution panel, standard lug panel |

|   |
|---|
| Lighted control panel                           |
| Load balance monitoring - phase selector switch |
| External fuel connection                        |
|   |
|   |

Note: All options that require external power such as battery chargers and block heaters include a "shore power" male receptacle mounted in the control panel.



Genie Industries, Inc.

A Terex Company

18340 NE 76th Street  
PO Box 97030

Redmond, WA 98073-9730

TEL +1 (425) 881-1800

TOLL FREE +1 (800) 536-1800

PARTS & TECH SUPPORT +1 (800) 228-6444

FAX +1 (425) 883-3475

WEB [www.genieindustries.com](http://www.genieindustries.com)

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