

**Super Quiet Generators**


**SUPER QUIET GENERATORS**  
**T70**

**STANDARD FEATURES**

- Versatile solution for your worksite power needs
- Rental ready mobile generator package
- Heavy duty 4 cycle diesel engine
- User friendly control panel

**Specifications**

| System Power Output                        |                             |
|--|-----------------------------|
| Model                                      | T70P                        |
| Prime 3 phase power                        | 54 kW                       |
| Prime 3 phase kVA                          | 68 kVA                      |
| Available 3 phase voltage                  | 208 / 220 / 240 / 440 / 480 |
| Associated 3 phase amps (0.8 power factor) | 189 / 177 / 164 / 118 / 82  |
| Prime 1 phase power                        | 42 kW                       |
| Prime 1 phase kVA                          | 42 kVA                      |
| Available 1 phase voltage                  | 120 / 240                   |
| Associated 1 phase amps (1.0 power factor) | 350 / 175                   |
| Max amp rating (main breaker size)         | 225 A                       |

# Super Quiet Generator T70P

## Specifications

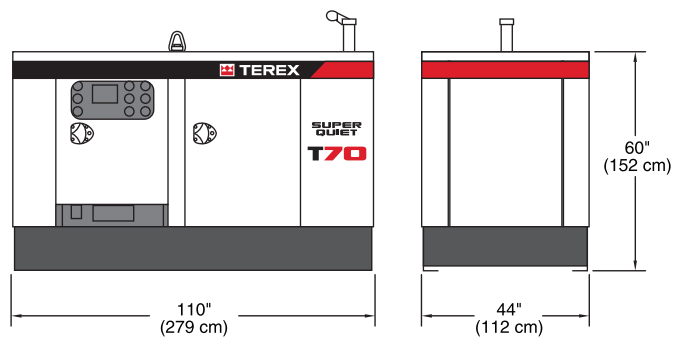
| Engine                         |   | T70P |
|--------------------------------|---|------|
| Manufacturer                   | Perkins   |      |
| Model                          | 1104C-44TG1   |      |
| Horsepower - prime (1,800 rpm) | 85 hp (64 kWm)  |      |
| Description                    | 4 cylinder, 4-cycle, water cooled, OHV, in-line, direct injection   |      |
| Bore & stroke                  | 4.13 x 5.00 in (105 mm x 127 mm)                                    |      |
| Piston displacement            | 269 in <sup>3</sup> (4.41 L)  |      |
| Compression ratio              | 18.2 : 1  |      |
| Exhaust system                 | critical grade silencer   |      |
| Monitoring gauges              | oil pressure, water temperature, fuel level, battery voltage, hours |      |
| Coolant capacity - engine only | 9.0 qts. (8.5 L)  |      |
| Cooling system                 | liquid cooled - rated to 105° F ambient                             |      |

| Fuel System              |   |                              |
|--------------------------|---|------------------------------|
| Specification            | #2 diesel                                       |                              |
| Filter                   | fuel / water separator                          |                              |
| Capacity                 | 118 gal (447 L)                                 |                              |
| Tank and containment     | internal fuel tank with fluid spill containment |                              |
| Consumption and run time | Full load                                       | 4.2 gal/hr (15.9 L/hr) 28 hr |
|                          | 3/4 load  | 3.4 gal/hr (12.9 L/hr) 34 hr |
|                          | Half load                                       | 2.4 gal/hr (9.1 L/hr) 49hr   |

| System Controls and Distribution |  |  |
|----------------------------------|--|--|
| Engine governor                  | electronic (+/- .5%)                                     |  |
| Protection (safety shutdowns)    | low oil pressure, high water temp., overcrank, overspeed |  |
| Generator gauges                 | voltmeter, ammeter, dial type 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            |  |

| Generator                   |  |
|-----------------------------|--|
| Rating (0.8 power factor)   | 60 kW 3 Phase @ 480 / 240 V                    |
| 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%   |
| Frequency (speed)           | 60 Hz (1,800 RPM)                              |

| Packaging                             |  |                      |
|---------------------------------------|--|----------------------|
| Enclosure                             | sound attenuated, weatherproof with lockable doors |                      |
| Sound levels                          | 66 dBA at 23 ft (7 meters)                         |                      |
| Lifting system                        | roof mounted, single point                         |                      |
| Weight (no trailer)                   | empty  | 4,157 lbs (1,886 kg) |
|                                       | full   | 4,995 lbs (2,266 kg) |
| Dimensions - L x W x H (no trailer)   | 110 x 44 x 60 in<br>(279 x 112 x 152 cm)           |                      |
| Weight (with trailer)                 | empty  | 4,980 lbs (2,259 kg) |
|                                       | full   | 5,806 lbs (2,634 kg) |
| Dimensions - L x W x H (with trailer) | 177 x 72 x 77 in<br>(450 x 183 x 196 cm)           |                      |



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For more information, product demonstration, or details on purchase, lease and rental plans, please contact your local Genie Distributor.