

## Ratings Range — 60 Hertz Operation

Standby: kW 50-52  
 kVA 63-65

Throughout its 80 year history, **Taylor Machine Works**, which manufactures heavy machinery for industries worldwide, has maintained a reputation of having unparalleled products with service to match. **Taylor Power Systems** is no different!

In the early 1980's Taylor Machine Works created Taylor Power Systems to distribute industrial engines and manufacture generator sets offering diesel powered 9 kW to 2000 kW and gaseous powered 30 kW to 400 kW. Taylor Power Systems provides quality standby and prime generator sets in stationary or mobile configurations for a wide variety of applications for example the Healthcare and Telecommunications Industries, Public Utilities, Federal, State and Local Government agencies, Educational and Financial Institutions as well as Agricultural.

Taylor Power Systems is your 21st Century Power Source!

- Single source responsibility for the generator set and accessories.
- Prototype and production tested to insure one step load acceptance per NFPA 110.
- Two year limited warranty on generator sets and accessories. Extended warranties also available.
- Unit conforms to CSA, NEMA, EGSA, ANSI and other standards.
- Heavy duty 4 cycle industrial engine for reliability and fuel efficiency.
- Brushless rotating field generator with class H insulation.
- Heavy duty steel base with integral vibration isolators.
- EPA Certified Engine.

## Genset Ratings

| Genset Model Number | Alternator | Voltage L-N / L-L | Phase | Hertz | Natural Gas 130° Rise Standby Rating |       | LP Gas 130° Rise Standby Rating |      |
|---------------------|------------|-------------------|-------|-------|--------------------------------------|-------|---------------------------------|------|
|                     |            |                   |       |       | kW / kVA                             | Amps  | kW / kVA                        | Amps |
| TG50                | 361CSL1601 | 277/480           | 3     | 60    | 50/63                                | 75    | 52/65                           | 78   |
|                     |            | 139/240           | 3     | 60    | 50/63                                | 150   | 52/65                           | 156  |
|                     |            | 127/220           | 3     | 60    | 50/63                                | 164   | 52/65                           | 171  |
|                     |            | 240/416           | 3     | 60    | 50/63                                | 88    | 52/65                           | 90   |
|                     |            | 120/208           | 3     | 60    | 50/63                                | 173   | 52/65                           | 180  |
|                     |            | 120/240           | 3     | 60    | 50/63                                | 150   | 52/65                           | 156  |
|                     |            | 220/380           | 3     | 60    | 50/63                                | 95    | 52/65                           | 99   |
|                     | 120/240    | 1                 | 60    | 45/45 | 188                                  | 45/45 | 188                             |      |
|                     | 361CSL1612 | 120/240           | 1     | 60    | 50/50                                | 208   | 50/50                           | 208  |

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor.  
 STANDBY RATINGS: Standby ratings apply to installations served by a reliable utility source. The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. Ratings are in accordance with ISO-3046/1, BS 5514, AS 2789, and DIN 6271.  
 PRIME POWER RATINGS: Prime power ratings apply to installations where utility power is unavailable or unreliable. At varying load the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-8528/1, overload power in accordance with ISO-3046/1, BS5514, AS2789, and DIN 6271. For limited running time and base load ratings consult the factory. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.  
 GENERAL GUIDELINES FOR DERATION: Altitude: Derate 0.5% per 100m (328 ft.) elevation above 1000m (3279 ft.) Temperature: Derate 1.0% per 10°C (18°F) temperature above 40°C (104°F).





