



STANDBY GAS GENERATORS

STANDBY POWER YOU NEED AND POWER YOU CAN TRUST

Tradewinds Power Corp (TPC) gaseous powered generator sets are UL2200 approved self contained, non-proprietary, standby generator packages ranging from 30kW to 300kW complete with mounted auto control panel, gas connections, air cleaners, exhaust silencers, mounted in a weather protective enclosure. All TPC systems and components are prototyped, assembled and tested within a purpose built packaging, manufacturing, and testing facility.

- **Auto Controls** - with analog display of all functions and SCADA interface points.



- **Sound Attenuated Enclosure** - marine-grade aluminum with sound attenuation at 68dBA measured at 27ft.

- **Fuel System** - simple field conversion between natural gas and LPG fuels while maintaining emission certification.

- **Rigid Base** - close coupled single bearing engine and generator assembly with anti-vibration mounts between assembly and rigid base.

TG45 - Depicted with Various Options



TRADEWINDS STANDBY GENERATORS

Tradewinds Power Corp fully integrated standby generator set provides optimum performance, reliability, and versatility with efficiency matched heavy duty diesel engines, an AC synchronous, 12-wire brushless, single bearing alternator.

WARRANTY

Engines are covered under the original equipment manufacturer's warranty - consult Tradewinds Power Corp for details. Complete package supplied with 2-year limited warranty.

MODEL	kW		Power Factor	kVA		Phase	Breaker Amps 208V 1P 240V	Engine Manufacturer	Engine Model
	Standby	Prime		Standby	Prime				
TG30	30.00	27.00	0.8	37.50	33.75	3	104	PSI -GM	GM 3.0L
TF30	30.00	27.00	0.8	37.50	33.75	3	104	Ford	TF25E-60L2.5G
TF30	30.00	27.00	0.8	37.50	33.75	3	104		TF30E-60L2.5G
TG45	45.00	40.50	0.8	56.25	50.63	3	156	PSI -GM	GM 4.3L
TZ50	50.00	45.00	0.8	62.50	56.25	3	174	Zenith	2.8L
TG60	60.00	54.00	0.8	75.00	67.50	3	208	PSI -GM	GM 5.7L
TG80	80.00	72.00	0.8	100.00	90.00	3	278		GM 8.8L
TG80	80.00	72.00	0.8	100.00	90.00	3	278		GM 5.5LTCAC
TG100	100.00	90.00	0.8	125.00	112.50	3	347		GM 5.5LTCAC
TG100	100.00	90.00	0.8	125.00	112.50	3	347		GM 8.8L
TG125	125.00	112.50	0.8	156.25	140.63	3	434		GM 8.8LT
TG150	150.00	135.00	0.8	187.50	168.75	3	521		GM 8.8LTCAC
TZ200	200.00	180.00	0.8	250.00	225.00	3	695	Zenith	9.0L T/A
TZ250	250.00	225.00	0.8	312.50	281.25	3	867		12.0L T/A

STANDARD FEATURES

- Full ECU spark ignition gaseous engine control with coil-on-plug variable timing ignition
- Integrated knock sensing and control
- Cooling system for 120° Fahrenheit ambient
- 4-pole, 12-wire, brushless rotating field generator
- Alternators over-sized for motor starting and PMG regulation
- Sustained short-circuit capability enabling down-line circuit breakers to trip without collapsing generator field
- Electric starter complete with charging alternator, battery rack, and cables
- Weather protective enclosure constructed of marine grade aluminum 0.125 thickness, stainless steel hardware, white powder coat paint finish, sound Insulation resistant to high temperatures, fuel and oil, hinged / removable / keyed alike doors

STANDARD FEATURES

- Automatic control for full system protection with full remote start and stop capability
- Residential rated interior mounted exhaust silencer kit
- Vertical radiator and exhaust discharge
- Oil & coolant drain lines with brass ball check valves
- 175 mph wind load rating

OPTIONAL EQUIPMENT

- Low coolant level switch
- Water separator fuel filter
- Space heater
- Generator drip covers
- 17-light remote annunciator panel





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