



STANDBY DIESEL GENERATORS

STANDBY POWER YOU NEED AND POWER YOU CAN TRUST

Building on our long-term relationships with world renowned diesel engine manufacturers Perkins and Hyundai, Tradewinds Power Corp (TPC) packages a comprehensive range of non-proprietary diesel powered standby sets, ranging from 9kW to 700kW. In addition to our standard product lineup, we build to individual customer specifications. TPC standby generators are completely self contained with auto start controls and offered in open, weather-protected, and sound-attenuated enclosures

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

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

- **Fuel Tank** - double walled daily service, UL142, with full spill containment.



- **Connection Panel** - with terminals suitable for single or 3 phase voltages.

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

- **Custom Fuel Tanks** - sized to suit client application.

TP200 T3 - 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 engine, with 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				
TP9 T4I	9.00	8.10	1.0	9.00	8.10	1	38	Perkins	403
TP20 T4i	20.00	18.00	0.8	25.00	22.50	3	69	Perkins	404D-22
TP30 T4i	30.00	27.00	0.8	37.50	33.75	3	104	Perkins	404D-22T
TP45 T0*	45.00	40.50	0.8	56.25	50.63	3	156	Perkins	1103A-33TG1
TP56 T3	56.00	50.40	0.8	70.00	63.00	3	195	Perkins	1104D-E44TG1
TP60 T0*	60.00	54.00	0.8	75.00	67.50	3	208	Perkins	1203A-33TG2
TP65 T3	65.00	58.50	0.8	81.25	73.13	3	226	Perkins	1104D-E44TG1
TP80 T3	80.00	72.00	0.8	100.00	90.00	3	278	Perkins	1104D-E44TAG1
TP80 T0*	80.00	72.00	0.8	100.00	90.00	3	278	Perkins	1104A-44TG2
TP100 T3	100.00	90.00	0.8	125.00	112.50	3	347	Perkins	1104D-E44TAG2
TP100 T2*	100.00	90.00	0.8	125.00	112.50	3	347	Perkins	1104C-44TAG2
TP125 T3	125.00	112.50	0.8	156.25	140.63	3	434	Perkins	1106D-E70TAG2
TP135 T0*	135.00	121.50	0.8	168.75	151.88	3	469	Perkins	1106A-70TG2
TP150 T0*	150.00	135.00	0.8	187.50	168.75	3	521	Perkins	1106A-70TAG2
TP150 T3	150.00	135.00	0.8	187.50	168.75	3	521	Perkins	1106D-E70TAG3
TP175 T0*	175.00	157.50	0.8	218.75	196.88	3	608	Perkins	1106A-70TAG3
TP175 T3	175.00	157.50	0.8	218.75	196.88	3	608	Perkins	1106D-E70TAG4
TP200 T3	200.00	180.00	0.8	250.00	225.00	3	695	Perkins	1106D-E70TAG5
TP275 T3*	275.00	247.50	0.8	343.75	309.38	3	955	Perkins	1606D-E93TAG4
TD300 T0*	300.00	270.00	0.8	375.00	337.50	4	1042	Hyundai	D126TI-II
TP300 T3	300.00	270.00	0.8	375.00	337.50	3	1042	Perkins	2206D-E13TAG2
TP350 T3	350.00	315.00	0.8	437.50	393.75	3	1216	Perkins	2206D-E13TAG2
TD400 T0*	400.00	360.00	0.8	500.00	450.00	4	1390	Hyundai	DP158-LE
TP400 T3	400.00	360.00	0.8	500.00	450.00	3	1390	Perkins	2206D-E13TAG3
TP450 T3	450.00	405.00	0.8	562.50	506.25	3	1563	Perkins	2506D-E15TAG1
TD500 T2*	500.00	450.00	0.8	625.00	562.50	4	1737	Hyundai	DP158-LD
TP500 T2	500.00	450.00	0.8	625.00	562.50	3	1737	Perkins	2506C-E15TAG3
TP550 T2	550.00	495.00	0.8	687.50	618.75	3	1911	Perkins	2506C-E15TAG4
TD600 T2*	600.00	540.00	0.8	750.00	675.00	3	2084	Hyundai	TDP180-LB
TP600 T2	600.00	540.00	0.8	750.00	675.00	3	2084	Perkins	2806C-E18TAG3
TD700 T2*	700.00	630.00	0.8	875.00	787.50	3	2432	Hyundai	DP222LB
TD750 T2*	750.00	675.00	0.8	938.00	844.00	3	2100	Hyundai	DP222CCS
TD900 T2*	900.00	810.00	0.8	1125.00	1013.00	3	2500	Hyundai	DP222CCS
Notes	* Indicates Non UL only and Tier 2 diesels for the International Market, not domestic. All domestic are UL all export non-UL.								

STANDARD FEATURES

- EPA Tier 3 PERKINS diesel engines for stationary standby
- 1800 rpm 4-pole (*TD-14 3600 rpm 2-pole)
- Radiator rated for operating in 120°F ambient
- Auto start and stop digital control panel with full metering
- 12-wire reconnectable brushless generator (*4-wire TD-14)
- Heavy-duty air cleaner with restriction indicator
- Mounted exhaust muffler
- Oil and coolant drain lines with brass ball check valves
- UL certification domestic US (not applicable international)
- Battery disconnect
- External emergency stop
- Adjustable-trip mainline circuit breaker

OPTIONAL EQUIPMENT

- Weather Protective Enclosure constructed of Marine Grade Aluminum 0.125 thickness, SS Hardware, white powder coat paint finish on both sides, sound Insulation resistant to high temperatures, fuel and oil, hinged / removable / keyed alike doors
- Double walled UL142 base mounted daily service fuel tank
- Base frame with full spill protection
- Critical exhaust silencer
- Control options for low coolant level switch and 17-light remote annunciator panel
- Automatic transfer switch
- PMG generator exciter for high inductive and SCR loads



TRADEWINDSPOWER.COM

TRADEWINDS POWER CORP | 5820 NW 84th Avenue | Miami, FL 33166 | Nationwide (800) 223-3289 | Fax. (305) 592-7461 | www.tradewindspower.com