



MOBILE GENERATOR SETS

MOBILE POWER YOU NEED AND POWER YOU CAN TRUST

Building on our long-term relationships with world renowned diesel engine manufacturers Perkins and Doosan, Tradewinds Power Corp (TPC) packages a comprehensive range of non-proprietary, diesel powered mobile sets, ranging from 14kW to 500kW. In addition to our standard product lineup, we build to individual customer specifications. TPC mobile generators are completely self contained with auto start controls and terminal panel for quick and easy on-site connection and offered in open, weather-protected, sound-attenuated, and DOT trailer mounted configurations.

- **Connection Panel** - with full array of 120 and 240V receptacles, duplex, GFCI, and CAM lock cable terminals under a protective lid.

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

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



- **Sound Attenuated**

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

- **Cable Trays** - aluminum trays for storing cables and power distribution equipment.

- **DOT Aluminum Trailer** - fully self-contained power system trailer mounted for ease of delivery to site.

TP100 - Depicted with Various Options



TRADEWINDS MOBILE GENERATORS

Tradewinds Power Corp fully integrated mobile generator set provides optimum performance, reliability, and versatility with an efficiency matched heavy duty diesel engine, 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	Power Rating kW		Breaker Amps 240V	Engine	Fuel Tank US Gals	Key Dimensions Inches (Enc = Enclosure, T = Trailer)							
	Standby	Prime		Make		Height		Length		Width		Weight lbs	
						Enc	T	Enc	T	Enc	T	Enc	T
TD-9	9.0	8.1	38	Hyundia	50	42.1	N.A.	57.3	N.A.	28.4	N.A.	867	N.A.
TD-12	12.0	10.8	50		50	46.4	61.2	89.0	98.5	34.0	60.1	1227	1600
TD-14*	14.0	12.6	58		50	46.4	61.2	89.0	98.5	34.0	60.1	1227	1600
TD-20	20.0	18.0	83		80	46.4	73.4	89.0	132.1	34.0	62.3	1167	2567
TD-40	40.0	36.0	120		80	46.4	73.4	89.0	132.1	34.0	62.3	1780	3158
TP-45	45.0	40.5	188	Perkins	80	46.4	73.4	89.0	132.1	34.0	62.3	1780	3158
TD-60	60.0	54.0	181	Hyundai	120	51.0	84.4	116.4	148.5	36.0	62.8	2070	3459
TP-100	100.0	90.0	301	Perkins	250	62.0	103.3	103.0	204.0	36.0	74.6	2940	6015
TP-150	150.0	135.0	452		330	71.0	106.3	131.5	214.3	44.0	86.5	6566	9200
TP-200	200.0	180.0	602		330	71.0	106.3	131.5	214.3	44.0	86.5	6566	9200
TP-375	375.0	337.5	1129		500	89.0	123.7	188.0	292.8	64.0	102.3	6135	9593
TP-500	500.0	450.0	1505		500	95.8	128.5	201.9	292.8	75.0	102.3	10443	16815

Mobile Voltages: 12-wire reconnectable 3-phase 120/208, 120/240, 480/277 volts (1-phase 120/240 volts) *{1-phase 4-wire}

STANDARD FEATURES

- EPA Tier 4 diesel engines for mobile applications
- 1800 rpm 4-pole (*TD-14 3600 rpm 2-pole)
- 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
- Fuel tank sized for daily service use
- Battery disconnect
- External emergency stop
- Adjustable-trip mainline circuit breaker
- 110% environmental containment for fuel, oil, and coolant
- Two-way fuel valve easily switches from on-board to external fuel source

OPTIONAL EQUIPMENT

- Additional capacity fuel tanks for extended runtime
- Voltage selector switch for 12-wire brushless generator voltage connection configurations
- On-site terminal connection panel for easy connection of compression connector lugs
- Fully enclosed sound attenuated enclosure fabricated from marine grade aluminum
- Mounted on DOT trailer for easy delivery of fully self-contained power system to site
- Double walled base mounted daily service fuel tank
- Control options for low coolant level switch and 17-light remote annunciator panel



OPTIONAL WEATHER PROTECTIVE ENCLOSURE

Constructed of marine grade aluminum 0.125 thickness, stainless steel hardware, powder coat paint finish, sound insulation, resistant to high temperatures, hinged/removable/keyed doors, 175 mph wind load rating, and sound attenuation to 68dBA measured at 27ft.

OPTIONAL SELF CONTAINED TRAILER MOUNTED FOR MAXIMUM MOBILITY

DOT road towing heavy duty steel, hydraulic brakes, single or 2 spring axle, 7-way RV style plug, adjustable channel 6-Hole 5-position military hitch (3" lunette eye coupler), 15" high side wind jack, and semi-gloss textured urethane UV resistant waterproof paint coating for protection against rust, corrosion, salt and damp conditions.



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