

VALUE PLUS SERIES

VP 12

Customized Power Solutions



Value Plus Series - 12 kW

Southwest Products' Value Plus 12 kW generators are ideal for a variety of applications including construction, commercial, off-grid, solar, and agriculture. Our expert staff know what standard options are necessary to provide you the power you need in any environment you encounter.

Reliable Power

- Mechanical governor control maintains frequency from no load to full load
- Class H insulation tolerates up to 180°C/356°F
- More efficient 2/3 pitch windings for no third harmonic content
- Naturally-aspirated 3-cylinder compact package
- Mounted dry type air filter
- Dual stage fuel filter and water separator
- 12V starter/alternator
- 12V run/shutdown fuel control solenoid
- 12V glow plug starting aid
- Heavy-duty radiator
- Pusher-fan with fan guard
- Quiet running powerful diesel engine

Affordable Power Solutions

- Standard Perkins engine warranty plus SWPs' standard one-year warranty
- 500 hour service intervals

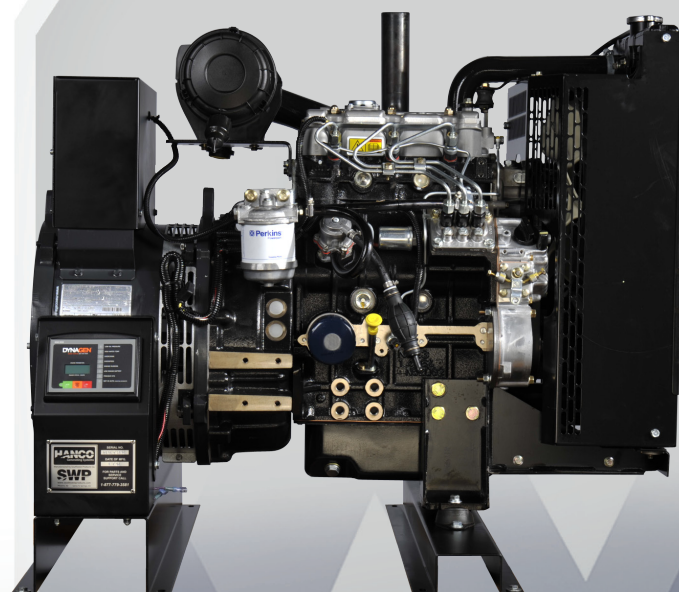
Technical Specifications

Model	Emergency Standby	T4F
Available Phase	1P/3P	1P/3P
Available Voltages	Various	Various
Standby Rating	17.5 kVA / 13.9 kW	14.8 kVA / 11.9 kW
Prime Rating	15.8 kVA / 12.6 kW	14.8 kVA / 11.9 kW
Alternators	SWP, MeccAlte, Newage, Marathon	SWP, MeccAlte, Newage, Marathon

Easy to Use

- Two-wire auto start
- Digital DynaGen controller with multiple warning sensors
- Operator's manual and wiring diagrams
- Single-side service for easy maintenance

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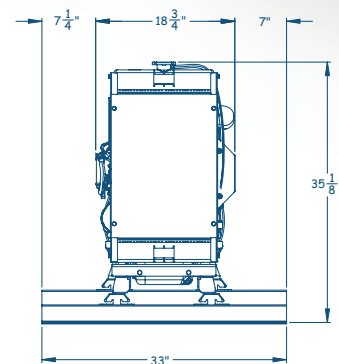
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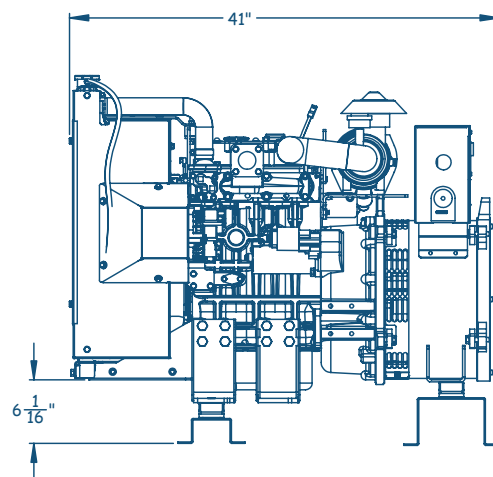
Options

- **Emergency Standby or Tier 4 Final Engine** – Multiple engine configurations depending on your application
- **Skid Kit** – Fabricated steel frame for superior stability and strength
- **Enclosure** – Galvanized metal weather enclosure with an integrated muffler. Skid or fuel tank must be selected as well.
- **Enclosure w/ Level 1 Sound Attenuation** – Galvanized metal weather enclosure with an integrated muffler. Skid or fuel tank must be selected as well. Level 1 sound attenuation reduces sound level by approximately 3-5 Db.
- **Enclosure w/ Level 2 Sound Attenuation** – Galvanized metal weather enclosure with an integrated muffler. Skid or fuel tank must be selected as well. Level 2 sound attenuation reduces sound level by approximately 5 -10 Db.
- **Muffler Package** – Industrial-grade muffler and rain cap for open unit
- **Block Heater** – Ideal for cold-weather engine starts
- **Battery Package** – 12V battery and tray for immediate use
- **Battery Charger** – For keeping your unit ready to start any time, any where
- **Captive Mounts** – Used in mobile application for additional safety
- **Trailer** – Single axle
- **60 Gallon Fuel Tank** – Available with either a single or double wall sub-base fuel cell

Front Dimensions



Side Dimensions



FUEL SPECIFICATIONS (gal/h)

	Emergency Standby	T4F
Prime Fuel Consumption	-	-
100% Prime Power	0.96	1.128
25% Load	-	-
50% Load	0.53	-
75% Load	0.74	-
100% Load	-	-

ENGINE SPECIFICATIONS

	Emergency Standby	T4F
Engine Mfg	Perkins	Perkins
Model Number	403D-15G	403F-15G
Spec #	GK71038N	EK71138N
Prime Output HP	19.7	18.8
Standby Output HP	21.7	18.8
Emissions Certification	Emergency Standby	Tier 4 Final

GENERATOR SPECIFICATIONS

	Emergency Standby	T4F
Length	41"	41"
Width	19"	19"
Width w/ Supports	33"	33"
Height	36"	36"
Weight	735 lbs	735 lbs

ALTERNATOR SPECIFICATIONS

	Emergency Standby	T4F
Available Voltages		
3P 480 Volt Prime Amps	16.26	16.26
3P 480 Volt Standby Amps	18.06	18.06
3P 120/208 Volt Prime Amps	35.51	35.51
3P 120/208 Volt Standby Amps	41.68	41.68
3P 120/240 Volt Prime Amps	32.52	32.52
3P 120/240 Volt Standby Amps	36.12	36.12
1P 120/240 Volt Prime Amps	45	45
1P 120/240 Volt Standby Amps	50	50