

VALUE PLUS SERIES

VP 20

Customized Power Solutions



Value Plus Series - 20 kw

Southwest Products' Value Plus 20 generators come standard with fully-brushless, self-excited, and electronically-regulated alternators. Ideal for a variety of applications including construction, commercial, off-grid, solar, and agriculture, these units are the best choice to keep your business running. For power wherever and whenever you need it, paired with uncompromising service and support, choose the advantage of SWP's Value Plus series.

Reliable Power

- Class H insulation tolerates up to 180°C/356°F
- More efficient 2/3 pitch windings for no third harmonic content
- Compact 4-cylinder diesel engine
- Mounted dry type air filter
- Dual stage fuel filter and a fuel lift pump
- 12V starter/alternator
- 12V run/shutdown fuel control solenoid
- 12V glow plug starting aid
- Heavy-duty radiator
- Pusher-fan with fan guard

Affordable Power Solutions

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

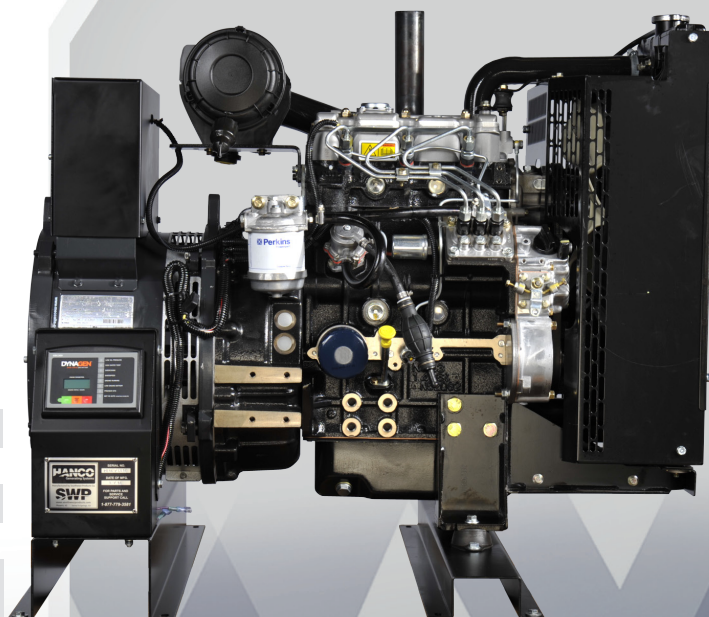
Technical Specifications

Model	Emergency Standby	T4F
Available Phase	1P/3P	1P/3P
Available Voltages	Various	Various
Standby Rating	26.6 kVA / 21.2 kW	26.6 kVA / 21.3 kW
Prime Rating	24.2 kVA / 19.3 kW	25 kVA / 20 kW
Alternators	SWP, MeccAlte, Newage, Marathon	SWP, MeccAlte, Newage, Marathon

Easy to Use

- Isuzu (Tier 4 Final): Electronic governor control maintains frequency from no load to full load and Digital DynaGen Controller with multiple warning sensors
- Perkins (Mobile or Standby): Mechanical governor control maintains frequency from no load to full load and Digital DynaGen controller with multiple warning sensors
- Operator's manual and wiring diagrams
- Single-side service for easy maintenance
- Two-wire auto start

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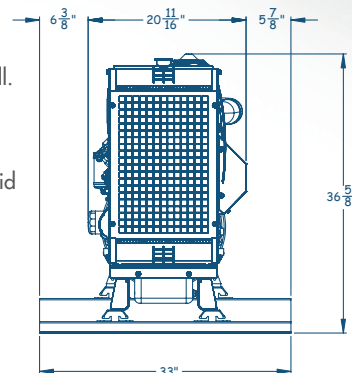
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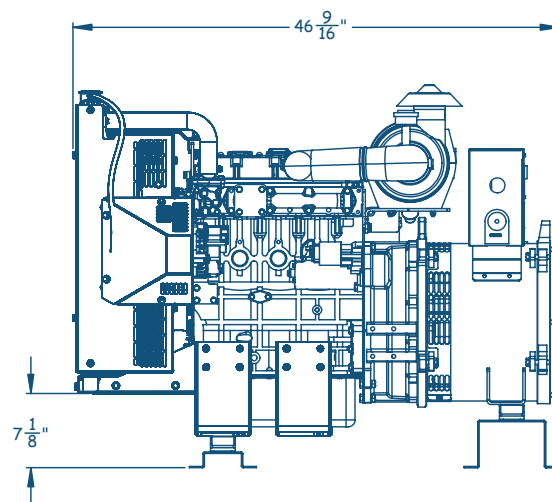
Options

- **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	1.637	-
100% Prime Power	-	-
25% Load	-	-
50% Load	0.924	-
75% Load	1.268	-
100% Load	1.82	-

ENGINE SPECIFICATIONS

	Emergency Standby	T4F
Engine Mfg	Perkins	Isuzu
Model Number	404D-22G	4LE2/TAGV01-420
Spec #	GN71038N	4LE2T
Prime Output HP	29.5	36.2
Standby Output HP	32.6	40.2
Emissions Certification	Emergency Standby	Tier 4 Final

GENERATOR SPECIFICATIONS

	Emergency Standby	T4F
Length	47"	52"
Width	21"	27"
Width w/ Supports	33"	33"
Height	37"	44"
Weight	860 lbs	910 lbs

ALTERNATOR SPECIFICATIONS

	Emergency Standby	T4F
Available Voltages		
3P 480 Volt Prime Amps	27.1	27.1
3P 480 Volt Standby Amps	30.1	30.1
3P 120/208 Volt Prime Amps	62.52	62.52
3P 120/208 Volt Standby Amps	69.48	69.48
3P 120/240 Volt Prime Amps	54.18	54.18
3P 120/240 Volt Standby Amps	60.2	60.2
1P 120/240 Volt Prime Amps	75	75
1P 120/240 Volt Standby Amps	83.33	83.33