

## VALUE PLUS SERIES

# VP 100

*Customized Power Solutions*



### Value Plus Series - 100 kW

Southwest Products' Value Plus 100 kW generators are 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. With uncompromising service and support, more and more customers are choosing to have the strength and power of SWPs' Value Plus series on their side.

#### Reliable Power

- Class H insulation tolerates up to 180°C/356°F
- Electronic governor control maintains frequency from no load to full load
- Direct injection, turbocharged, intercooled 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 SWP's standard one-year warranty
- 500 hour service intervals
- Quiet and powerful diesel engine

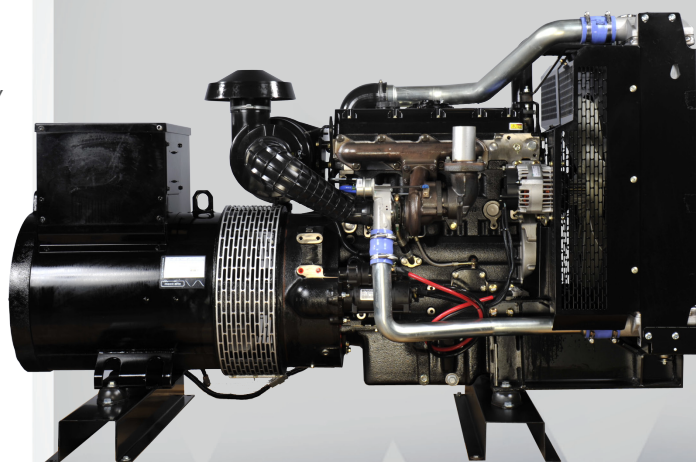
#### Technical Specifications

Model	Emergency Standby / FLEX
Available Phase	1P/3P
Available Voltages	Various
Standby Rating	125 kVA / 100 kW
Prime Rating	113 kVA / 90 kW
Alternators	SWP, Meccalte, Newage, Marathon

#### Easy to Use

- Two-wire auto start with heavy-duty Perkins diesel engine
- Digital DynaGen Controller with multiple warning sensors
- Operator's manual and wiring diagrams
- Single-side service for easy maintenance

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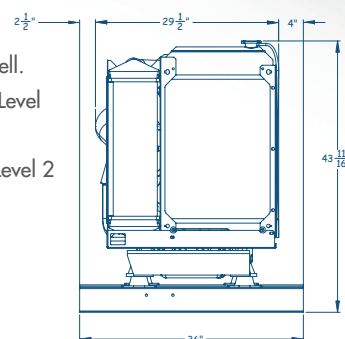
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## Value Plus Series - 100 kw

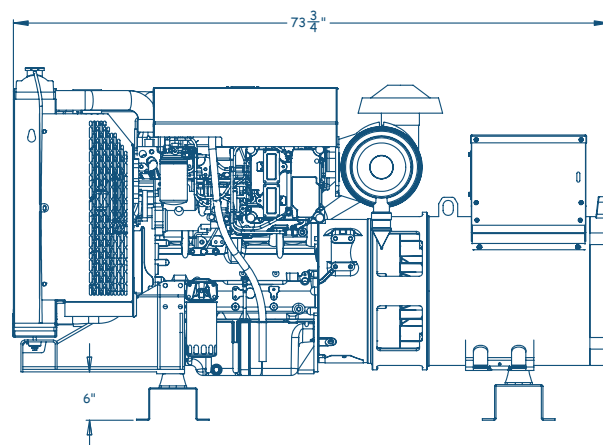
### Options

- **Emergency Standby or FLEX Engine** – Multiple engine configurations depending on your application
- **Skid Kit** – Fabricated steel frame for superior stability and strength
- **Enclosure** – Painted white metal weather enclosure with an integrated muffler. Skid or fuel tank must be selected as well.
- **Enclosure w/ Level 1 Sound Attenuation** – Painted white metal weather enclosure with an integrated muffler. Level 1 sound attenuation reduces sound level by approximately 3-5 Db. Skid or fuel tank must be selected as well.
- **Enclosure w/ Level 2 Sound Attenuation** – Painted white metal weather enclosure with an integrated muffler. Level 2 sound attenuation reduces sound level by approximately 5-10 Db. Skid or fuel tank must be selected as well.
- **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 with secured battery tray
- **Battery Charger** – For keeping your unit ready to start any time, any where
- **Captive Mounts** – Used in mobile application for additional safety (mobile application only)
- **Trailer** – Single axle
- **Fuel Tank** – 100 gallon single wall or 150 gallon double wall sub-base fuel cell

### Front Dimensions



### Side Dimensions



### FUEL SPECIFICATIONS (gal/h)

	Emergency Standby / FLEX
Prime Fuel Consumption	7.31
100% Prime Power	-
25% Load	-
50% Load	4.22
75% Load	5.81
100% Load	7.92

### ENGINE SPECIFICATIONS

	Emergency Standby / FLEX
Engine Mfg	Perkins
Model Number	1104DE-44TAG2
Spec #	NR83241R, NR83322R
Prime Output HP	142.1
Standby Output HP	156.8
Emissions Certification	Emergency Standby / Flex

### GENERATOR SPECIFICATIONS

	Emergency Standby / FLEX
Length	74"
Width	30"
Width w/ Supports	36"
Height	44"
Weight	2150 lbs

### ALTERNATOR SPECIFICATIONS

	Emergency Standby / FLEX
Available Voltages	
3P 480 Volt Prime Amps	135.47
3P 480 Volt Standby Amps	150.53
3P 120/208 Volt Prime Amps	312.64
3P 120/208 Volt Standby Amps	347.37
3P 120/240 Volt Prime Amps	270.95
3P 120/240 Volt Standby Amps	301.06
1P 120/240 Volt Prime Amps	375
1P 120/240 Volt Standby Amps	416.66