

VP GENERATORS

VALUE PLUS SERIES KEEPS YOU UP AND RUNNING

SWP
Southwest Products



Complete Power Solutions

Wide Range of Models and Options

Prime Ratings: 8.5 to 61.8 kVA

Standby Ratings: 9.5 to 68.7 kVA

Southwest Products Value Plus (VP) diesel generators are engineered from the ground-up for reliability, durability, and ease-of-use.

Built with Tier 4 Final engines and a compact, rugged design, the VP series is a cost-effective alternative for reliable off-grid power.

RELIABLE, STURDY, AND ENVIRONMENTALLY FRIENDLY

- Heavy-duty construction, components and paint
- Reliable 4-cycle heavy-duty diesel engines
- Tier 4 Final engines (50 state compliant)
- Oversized alternator with PMG for better motor starting
- 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
- 2 year or 2,000 hour limited warranty
- Designed, engineered and assembled in USA

EASE OF USE

- Digital controller with single-button start/stop, 2 wire auto-start, and multiple warning sensors
- Operators manual and wiring diagrams
- Single-side service for ease of maintenance
- 500 hour service intervals



Contact SWP for Pricing and Availability

Surprise, AZ
602.269.3581

Signal Hill, CA
562.424.0913

Galt, CA
209.245.6000

Houston, TX
832.957.6400

www.SouthwestProducts.com

VP GENERATORS

VP-7-P

VP-10-P

VP-12-P

VP-20-I

TECHNICAL SPECIFICATIONS

	VP-7-P	VP-10-P	VP-12-P	VP-20-I
Model	VP-7-I	VP-10-P	VP-12-P	VP-20-I
Available Phases	1PH/3PH	1PH/3PH	1PH/3PH	1PH/3PH
Voltages 120/240 120/208 277/480	Available	Available	Available	Available
Prime Rating kVA/kWe	8.5 kVA / 6.8 kWe	12.5 kVA / 10.0 kWe	13.3 kVA / 10.7 kWe	24 kVA / 19.2 kWe
Standby Rating kVA/kWe	9.5 kVA / 7.6 kWe	12.5 kVA / 10 kWe	14.8 kVA / 11.9 kWe	26.6 kVA / 21.3 kWe
Alternators	Mecc Alte/others	Mecc Alte/others	Mecc Alte/others	Mecc Alte/others

DIMENSIONS AND WEIGHT

	VP-7-P	VP-10-P	VP-12-P	VP-20-I
Length	37"	41"	41"	55"
Width	18"	19"	19"	33"
Width With Supports	33"	33"	33"	33"
Height	34"	34"	34"	44"
Weight	570 lb	735 lb	735 lb	910 lb

ENGINE SPECIFICATIONS

	VP-7-P	VP-10-P	VP-12-P	VP-20-I
Engine Mfg	Perkins	Perkins	Perkins	Isuzu
Engine Model	403F-11G	403D-15G	403F-15G	4LE2T
Prime Output HP (gross)	13.1	18.8	18.8	36.2
Standby Output HP (gross)	13.1	18.8	18.8	40.2
Emissions Certification	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final

ALTERNATOR SPECIFICATION**

	VP-7-P	VP-10-P	VP-12-P	VP-20-I
3P 480 Volt Prime Amps PF 0.8	10.2	13.5	16.1	28.9
3P 480 Volt Standby Amps PF 0.8	11.4	16.5	17.9	30.1
3P* 120/208 Volt Prime Amps PF 0.8	23.6	31.2	37.2	66.7
3P* 120/208 Volt Standby Amps PF 0.8	26.4	38.2	41.3	74.0
3P 120/240 Volt Prime Amps PF 0.8	20.4	27.1	32.2	57.8
3P 120/240 Volt Standby Amps PF 0.8	22.9	33.1	35.8	64.1
1P 120/240 Volt Prime Amps - Ded. 4 Wire PF 1.0	28.3	37.5	44.6	80.0
1P 120/240 Volt Standby Amps - Ded. 4 Wire PF 1.0	31.7	45.8	49.6	88.8

*Gen can may need to be upsized for 120/208V

**125/40 C Temperature Rise Class H Insulation

FUEL CONSUMPTION

	VP-7-P	VP-10-P	VP-12-P	VP-20-I
25% load	-	-	-	-
50% load	0.43 gal/hr	0.53 gal/hr	0.53 gal/h	0.85 gal/h
75% load	0.56 gal/hr	0.65 gal/hr	0.79 gal/h	1.27 gal/h
100% load	0.71 gal/hr	0.88 gal/hr	1.13 gal/h	1.70 gal/h

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Value Plus Series Generators

Cost Effective and Dependable Power

VP GENERATORS	VP-23-I	VP-30-I	VP-40-I	VP-40-H	VP-55-I
TECHNICAL SPECIFICATIONS					
Model	VP-23-I	VP-30-I	VP-40-I	VP-40-H	VP-55-I
Available Phases	1PH/3PH	1PH/3PH	1PH/3PH	1PH/3PH	1PH/3PH
Voltages 120/240 120/208 277/480	Available	Available	Available	Available	Available
Prime Rating	25.3 kVA / 20.7 kWe	33.7 kVA / 27 kWe	45 kVA / 36 kWe	47.5 kVA / 38 kWe	61.8 kVA / 49.5 kWe
Standby Rating	29 kVA / 23 kWe	37.5 kVA / 30 kWe	50 kVA / 40 kWe	52.7 kVA / 42.2 kWe	68.7 kVA / 55.7 kWe
Alternators	Mecc Alte/others	Mecc Alte/others	Mecc Alte/others	Mecc Alte/others	Mecc Alte/others
DIMENSIONS AND WEIGHT					
Length	55"	56"	65"	59"	93"
Width	33"	29"	29"	30"	35"
Width With Supports	33"	33"	33"	33"	35"
Height	44"	45"	45"	42"	43.5"
Weight	950 lb	1,150 lb	1,605 lb	1,115 lb	2,250 lb
ENGINE SPECIFICATIONS					
Engine Mfg	Isuzu	Isuzu	Isuzu	Hatz	Isuzu
Engine Model	4LE2T	4LE2X	4LE2X	4H50	4JJ1X
Prime Output HP (gross)	36.2	59.1	59.1	57.8	86.4
Standby Output HP (gross)	40.2	65.7	65.7	64.3	95.0
Emissions Certification	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
ALTERNATOR SPECIFICATION**					
3P 480 Volt Prime Amps PF 0.8	32.2	40.6	54.2	57.2	74.5
3P 480 Volt Standby Amps PF 0.8	34.6	45.2	60.2	60.2	83.9
3P* 120/208 Volt Prime Amps PF 0.8	71.9	93.8	125.1	132.0	172.0
3P* 120/208 Volt Standby Amps PF 0.8	79.9	104.2	139.0	139.0	193.5
3P 120/240 Volt Prime Amps PF 0.8	62.3	81.3	108.4	114.4	149.0
3P 120/240 Volt Standby Amps PF 0.8	69.2	90.3	120.4	120.4	167.7
1P 120/240 Volt Prime Amps - Ded. 4 Wire PF 1.0	86.3	112.5	150.0	158.3	206.3
1P 120/240 Volt Standby Amps - Ded. 4 Wire PF 1.0	95.8	125.0	166.7	166.7	232.1
*Gen can may need to be upsized for 120/208V					
**125/40C Temp Rise Class H Insulation					
FUEL CONSUMPTION					
25% load	-	-	-	-	-
50% load	0.92 gal/h	1.21 gal/h	1.61 gal/h	1.48 gal/h	2.60 gal/h
75% load	1.32 gal/h	1.75 gal/h	2.32 gal/h	2.22 gal/h	3.50 gal/h
100% load	1.83 gal/h	2.32 gal/h	3.09 gal/h	2.96 gal/h	4.40 gal/h

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VP GENERATORS ARE BUILT FOR RELIABILITY,
LOW OPERATING COSTS AND EASE OF USE

OPTIONAL FEATURES FOR VP GENERATORS

- **Tier 4 Final or NSPS Engines** - Optional engine configurations depending on your application and local requirements
- **Skid Kit** - Multiple engine configurations depending on your application and unique requirements
- **Enclosure** - Galvanized metal weather enclosure with integrated muffler (requires skid and fuel tank). Available in Level 1 (3-5 dBA reduction) or Level 2 (5-10 dBA reduction).
- **Muffler Package** - Industrial grade muffler package with rain cap for open unit (muffler not needed on some models: VP-20-I, VP-23-I, VP-30-I, VP-40-I , VP-40-H, VP-55-I)
- **Block Heater** - Ideal for cold-weather engine starts
- **Battery Package** - 12V battery and tray for immediate setup and operation
- **Battery Charger** - Keep your charged and ready to run
- **Captive Mounts** - Used in mobile applications for additional safety
- **Trailer** - Single axle highway-ready trailer
- **Fuel Tank** - 60 gallon tank in single or double wall sub-base fuel cell configurations
- **2 year or 2,000 hour** limited warranty



SWP VP Generators are built ready for demanding applications including construction, agriculture, OEMs, industrial, residential, solar and more.

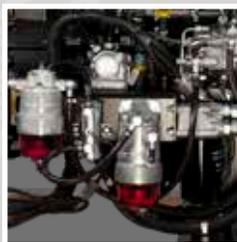
Designed, engineered and assembled in USA



OTHER FEATURES FOR OPERATING EASE AND DURABILITY



Digital controllers with one-button start/stop



Time saving single-side service access



AC electrical connection with lug attachments



Robust factory cooling system for reliability



Oversized alternator with PMG for starting ease