

**Leak Guard & Large Fuel Tank Mounted Diesel Engine Generator**

**V-Pump15 (SDG25LXV)**  
**V-Pump30 (SDG45LXV)**



**Best For Submersible Pump  
New Proposal For Diesel Engine Generator**

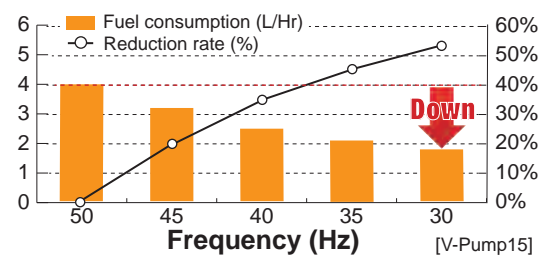
**Reduce starting current**

The V-PUMPS series are able to reduce starting current and this features has resulted in giving 2 to 3 times bigger starting capability compare to conventional generator.

submersible pump	3 inch	4 inch	6 inch	8 inch	6 inch×2	6 inch×2 + 4 inch
motor output	3.7 kW	7.5 kW	11 kW	15 kW	22 kW	29.5 kW
Standard	SDG13S	SDG25S	SDG45S	SDG60S	SDG100S	SDG125S
V-Pump	← V-Pump15 →					
	← V-Pump30 →					

**Lower fuel consumption**

The water pouring volume can be controlled by adjusting the inverter frequency from 30 to 50 hz.



**Lower fuel consumption**

It is also common to face the above trouble, the wet stacking in the muffler. However, V-PUMP is smaller capacity and able to operate at optimized load. It prevents the wet stacking in the muffler.

# V - Pump 15

V ----- Variable (Inverter control)  
 Pump ---- Submersible pump  
 15 ----- Submersible pump total output

## ■ Specification

Item		Model	V-Pump15 (SDG25LXV-5B1)				V-Pump30 (SDG45LXV-5B2)			
			200V Type		400V Type		200V Type		400V Type	
<b>● GENERATOR</b>										
Type			Dual Voltage		Single Voltage		Dual Voltage		Single Voltage	
Frequency		Hz	50	60	50	60	50	60	50	60
3 phase 4 wires	Prime output	kVA	20	25	20	25	37	45	37	45
	Stanby output	kVA	22	27.5	22	27.5	37	45	37	45
	Voltage	V	200	220	400	440	200	220	400	440
	Ampere	A	57.7	65.5	28.9	32.8	107	118	53.4	59.0
Single Phase 3 wires	Output	kVA	11.5	14.4	-	-	21.4	26	-	-
	Voltage	V	100-200	110-220	-	-	100-200	110-220	-	-
	Ampere	A	57.7	65.6	-	-	107	118	-	-
Single-phase auxiliary output	Voltage	V	100	110	-	-	100	110	-	-
	Outlets	kVA	1.5×6	1.65×6	-	-	1.5×6	1.65×6	-	-
Power factor			3-phase 0.8 (lagging)/ Single-phase 1.0		3-phase 0.8 (lagging)		3-phase 0.8 (lagging)/ Single-phase 1.0		3-phase 0.8 (lagging)	
<b>● Diesel Engine</b>										
Model name			KUBOTA V2403-K3A				KUBOTA V3600-T-K3A			
System			Swirl Chamber				Swirl Chamber, Turbo-Charged			
Total displacement		L	2.434				3.62			
Rated output		kW[PS]	19.1[26.0]	23.7[32.2]	19.1[26.0]	23.7[32.2]	35[47.6]	42.5[57.8]	35[47.6]	42.5[57.8]
Rated speed		min	1500	1800	1500	1800	1500	1800	1500	1800
Fuel consumption (At 75% load)		L/hr	4.0/5.0				6.9/8.4			
Fuel tank capacity		L	180				355			
Engine oil Volume		L	9.5				13.2			
Battery × unit			80D26R×1				80D26R×1			
<b>● Dimension &amp; Weight</b>										
Length × Width × Height		mm[inch]	1540×700×1250 [60.6×27.6×49.2]				1850×860×1560 [72.8×33.9×61.4]			
Dry (Operating) weight		kg	740 (910)				1120 (1440)			
<b>● Emission, Noise, etc.</b>										
Sound power level in decibels		dB	86	90	86	90	85	89	85	89
Sound pressure level		dB(A)	60	63	60	63	57	60	57	60
Designated emissions regulation			JPN Stage 3							
Vollume allowance		L	70				105			
Oil level at alarm lump		L	32				56			

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**SAFETY**

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents, perform daily and preventive maintenance checks without fail.



ISO9001 : JQA-0581  
 ISO14001 : JQA-EM4670