



**EFFICIENT.  
RELIABLE.  
SUSTAINABLE.**

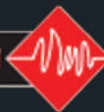
**Ecofriendly, Reliable, Efficient,  
Power from VECV Group**

Powered by  
**EICHER**  
POWER SOLUTIONS



**24X7 SERVICES**

**LESS VIBRATION**



**EASY  
SERVICEABILITY**

**BETTER  
FUEL ECONOMY**



**COMPACT SIZE**

**SUPER SILENT**



**Residential**



**Commercial**



**Other**

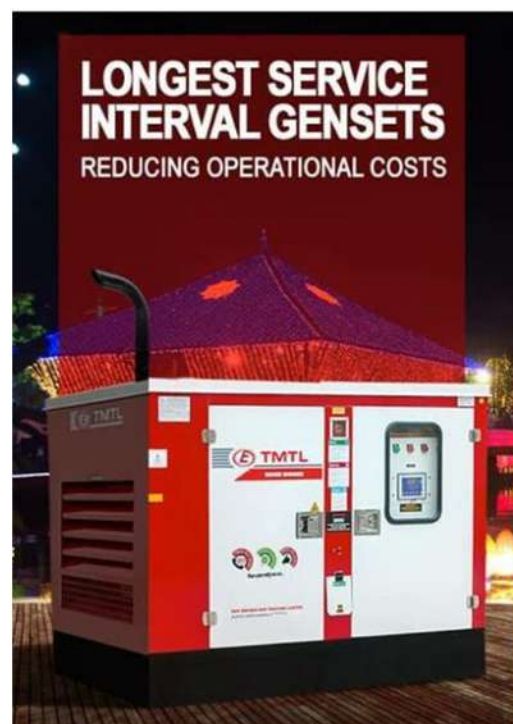
**An Authorised Dealer Volt Energy**



Volt Energy is a leading provider of silent and open generator solutions, dedicated to powering homes, businesses, and industries with uninterrupted energy supply. With a strong focus on performance, durability, and customer satisfaction, we offer a wide range of generators that meet diverse power requirements.

Whether you need backup power for residential use or a high-capacity solution for industrial operations, Volt Energy ensures reliable and efficient performance. Our team of experts works closely with clients to deliver customized energy solutions backed by prompt service and technical support.

Your trusted partner for reliable power solutions. We specialize in providing both silent generators and open generators, ensuring uninterrupted energy for your home, business, or industrial needs. With a commitment to quality and performance, Volt Energy is here to power your world—efficiently and silently.



**"We offer a diverse range of high-quality, precision-engineered products designed to meet the needs of various industrial applications."**

Genset Model		RPPVE 30	RPPVE 40	RPPVE 45	RPPVE 50	RPPVE 62.5	RPPVE 75	RPPVE 82.5	RPPVE 100	RPPVE 125	RPPVE 160
Genset Rating	KVA	30	40	45	50	62.5	75	82.5	100	125	160
Genset Rating	KW	24	32	36	40	50	60	66	80	100	128
Rated Current	AMPS	41.7	55.6	62.55	69.5	86.875	104.25	114.675	139	173.75	222.4
Power Factor	PF	0.8									
Frequency / RPM		50/1500									
Voltage	VOLT	230/415						415			
Phase		Single/ Three						Three			
Engine Make		Eicher (VECV - A Volvo Group & Eicher Motor Joint Venture)									
Model		EE483TCI						EE683TCI		EE694TCI	
BHP	BHP	38	52	52	80	80	105	105	156	156	201
Cylinders	NO.	4						6			
Cubic Capacity	CC	3300						4950		5700	
Type Of Cooling		Radiator Coolent Cooled									
Bore X Stroke	MM	100x105						100x120			
Compression Ratio		17:01								17.5:01	
Oil System Capacity	LTRS	13						17		23.8	
Lube Oil Change Period		500 Working Hours / 12 Months									
Alternator Make		Mecc-Alte / Crompton / Leroy somer / Equivalent									
Alternator Type		Brushless AVR									
Type Of Insulation		Class H									
Type Of Control Panel		Standard Control Panel (Optional AMF Panel)									
Genset Dimension	MM	2300x1050x1250	2500x1050x1250		2650x1150x1450		3200x1250x1550		3400x1250x1550		3700x1250x1650
		1200	1350	1350	1500	1500	1800	1800	2000	2000	2200
Fuel Tank Size	LTRS	70	95		100		180		200		200
Cable Aluminum 3.5 Core	SQ.MM	35	50			70	95		120	150	185
Exhaust Dia	MM	75			90		110				

## Alternator

- Description : Self-excited, Self-regulated
- Single Bearing,
- brushless & continuous duty
- Voltage : 415/230 Volts
- Power Factor : 0.8
- Frequency : 50 Hz
- No. Of Phase : 3 Phase / 1 Phase
- Construction : SPDP Enclosure
- Protection : IP 23
- Voltage Regulation : + 1%
- Insulation Class : H



## Salient Feature

- Highest efficiency in its class
- Compact Size
- Better response time and allows faster recovery of stabilized rated voltage
- Excellent motor starting capability in the range of DG sets
- Ensure constant voltage operation even at 5% reduced speed band

## Microprocessor Controller

A microprocessor based controller is being provided to the generator with self-diagnostic & self-management system salient features

- It measures, monitor, control & operate all required electrical mechanical parameters
- User friendly LCD display
- Logs last 20 fault codes helps operator services personal for troubleshooting
- Safeties annunciation
- Engine Safeties / Indication : High Water Temperature, Low Lube, Oil Pressure, Low Fuel Level, Charging Failure, Over / Under Speed
- Alternator Safeties : Under Voltage, Under Frequency, Over Frequency, Over Load
- Provision for Remote Monitoring & Control rough GPRS (Optional)
- Provision for Web monitoring (Optional)



## Advantages

- High Power to Weight Ratio
- Easy Serviceability
- Lube Oil Cooler in-built
- Better Fuel Economy
- Easy Spares Available
- Less Vibration
- High Block Load Capacity

## Environment Friendly

- Less noise with low vibration
- Clear Emissions meets CPCB II norms

## Versatile

- Compact size
- Easy access to all services points
- Option of Auto-start and Auto-changeover with AMF operations
- In-built Silencer, Fuel tank & Control Panel







+965-99050371, +965-97445952



[www.vedgset.com](http://www.vedgset.com)



[admin@vedgset.com](mailto:admin@vedgset.com)



Zalzalah United General Trading Co.  
Floor 1, Building No. 28, Block 1 Jleeb Al Shuwaikh Kuwait

