

New VR Series

Diesel Generators

Stage II Engine powered by PowerLink

50HZ | 60HZ 10kVA-1000kVA



POWERlink
Power Systems
Power Link the World

NEW VR DIESEL GENERATORS

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OVERVIEW OF NEW VR PRODUCT SERIES

Our new VR Series diesel generator sets, with a power range of 10KVA - 1000KVA, adopts Stage II emission standard Engine powered by PowerLink. Our products are reliable and durable, and can be used as prime continuous power supply and also provide stable standby power. PowerLink provides suitable products for investors to meet different application needs according to different installation location and application requirements of each project.

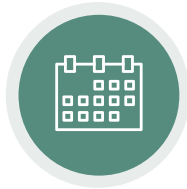


FEATURES OF NEW VR PRODUCT SERIES

NEW VR series diesel generator sets



DURABLE



RELIABLE



COST-EFFECTIVE

Main Application Areas



RENT POWER



MINING



FACTORY POWER



PORT POWER



POWER PLANT



STANDBY POWER



OUTDOOR
CONSTRUCTION



STANDARD CONFIGURATION

Description of standard configuration of NEW VR series



Battery

The starting battery, with a high starting current for the generator, has a cycle life of 500 - 600 times.



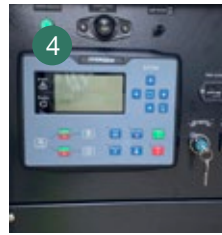
Silencer

Applying Porous sound absorbing material with a special design, noise reduction is from 25dBA - 30dBA.



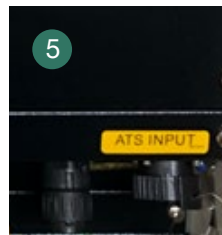
Smart Controller

Integrates the functions of power generation output and municipal power input for preheating.



XC762 controller (P≥625kVA)

It includes various protection functions and circuit breaker control functions, which can monitor the mains in real time and start the genset automatically when the mains is abnormal.



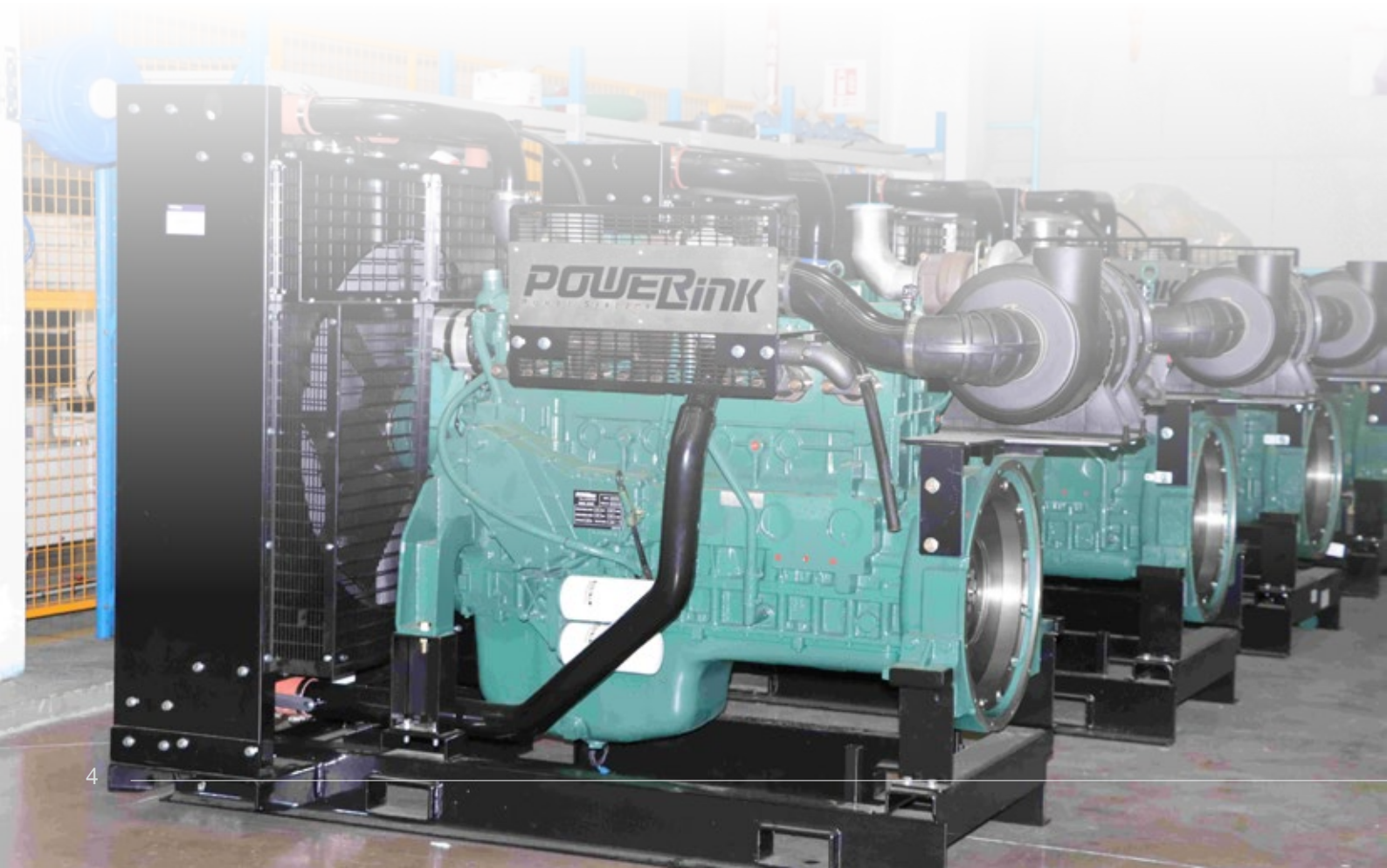
ATS connector

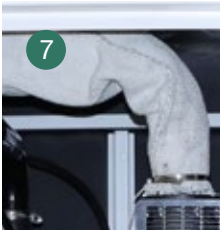
It connects to the mains. The genset would start automatically and supply power to the loads when the mains is abnormal.



Fuel-water separator

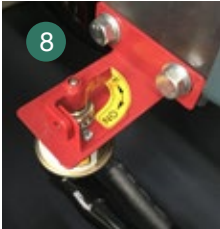
Fully filter water and impurities in fuel to improve fuel quality.





High temperature protective sleeve

Isolate high temperature parts to prevent accidental scalding



Battery isolation switch

It can break the battery quickly and reliably and ensure the gensets safety.



Mains float charger

Multi-Stage intelligent charging, low output ripple.



Sealing and waterproof door

High performance rubber sealing rings are installed around all doors to prevent water penetration. And the canopy and doors are made of Galvanised sheets, which is corrosion-resistant and has no welding seam to ensure no water seepage.



Rainproof air inlet

The air intake is sufficient and can prevent the infiltration of rain, dust or sand



Stainless steel box lock

Providing reliable performance, corrosion resistance and a long service life.



OPTIONAL CONFIGURATION

Description of optional configuration of NEW VR series



PLC7420 controller

It includes various protection functions and circuit breaker control functions, which can monitor the mains in real time and start the genset automatically when the mains is abnormal.



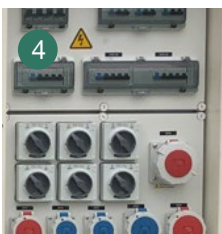
Remote controller

PLC890 controller has three remote control functions of telemetry, remote signaling and remote control, which can be used for remote maintenance and fault diagnosis. Support online and offline service systems are provided or use the mobile app program control which is available.



Parallel / grid connected controller

PLC500 controller is used for paralleling multiple gensets, and the control system automatically distributes the output according to the total load power. It can also control a single genset connected to the grid.



Convenient output socket

Provide convenient and rapid power output. Each output has an independent circuit breaker and leakage protector.



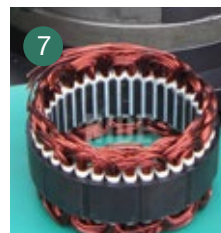
4P main circuit breaker

High quality ABB main circuit breaker, breaking quickly, safe and reliable.



Permanent magnet generator (PMG)

PMG can provide stable and reliable power supply for AVR with timely response. It can provide 300% rated current in case of short circuit and maintain for 5-10 seconds.



Three times insulation dip painting of generator winding

It is suitable for high humidity and salt spray corrosion environments with high insulation and reliability.



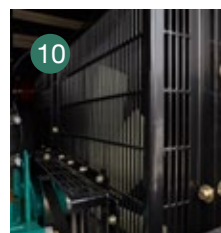
Jacket water preheater

The engine can start up quickly under low temperature environment to ensure normal operation of the genset.



Heavy duty air filter

Double filter elements are adopted to enhance air purification ability and remove dust, particles and other solid impurities.



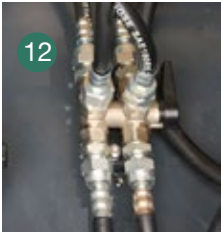
Anti salt spray radiator

The radiator core is made of special material and technology, which has strong corrosion resistance and ensures no leakage of coolant. It is suitable for salt spray corrosive atmosphere such as port or seaside.



Automatic oil filling system

Equipped with daily oil tank and oil level switch, it can automatically fill the oil for the engine, ensure long-term continuous operation, and does not need to stop the engine to replenish oil.



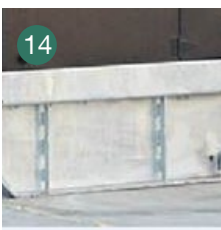
Fuel three way valve

Transfer the engine fuel supply system freely between the internal tank and external tank.



Large fuel tank

Our double-layer fuel tank, with a leak proof design, is fully enclosed within the base frame. The tank capacity can meet the requirement of 24hrs continuous running.



Galvanized base frame

High strength base frame with hot galvanizing process is adopted to enhance corrosion resistance and is suitable for salt spray corrosive atmosphere.



Trailer

The modular combination structure is adopted, which is convenient to install and move, and can be put into use quickly.



NEW VR SELECTION TABLE

High Cost Effective Genset

10kVA - 1000kVA
50Hz | 60Hz Available



Available Models:

Powered by PowerLink / Voltage 380-415V / 50Hz / 3P

Product Model	Prime Power		Standby Power		Engine Model	Fuel Cons.	Noise Level
	kVA	kW	kVA	kW	Powerlink	@ 75% Load	dB(A) @7m
VR10XS-AU	10	8	11	8.4	VR3-1.4G1	2.0	66.8
VR15XS-AU	15	12	16	13	VR4-2.3G1	2.5	66.8
VR20XS-AU	20	16	22	18	VR4-2.7G1	4.2	67.1
VR30XS-AU	30	24	33	26	VR4-3.2G1	5.6	67.4
VR45XS-AU	45	36	50	40	VR4-3.2TG2	5.6	67.4
VR60XS-AU	60	48	66	53	VR4-4.1TG2	10.0	68.0
VR70XS-AU	70	54	77	59	VR4-4.1TAG2	14.0	68.0
VR80XS-AU	80	64	88	70	VR4-4.1TAG3	14.0	68.5
VR110XS-AU	110	88	121	97	VR4-4.8TAG2	15.0	69.2
VR125XS-AU	125	100	138	110	VR4-4.8TAG3	16.0	70.0
VR165XS-AU	165	132	182	145	VR6-6.5TAG2	25.0	71.0
VR200XS-AU	200	160	220	176	VR6-9.7TAG1	34.5	71.3
VR250XS-AU	250	200	275	220	VR6-10TAG1	43.0	72.0
VR315XS-AU	315	250	346	275	VR6-10TAG2	58.0	73.0
VR375XS-AU	375	300	412	330	VR6-12TAG2	66.0	73.0
VR450XS-AU	450	360	495	396	VR6-13TAG3	73.0	74.0
VR500XS-AU	500	400	555	440	VR6-16TAG3	81.0	74.0
VR625XS-AU	625	500	688	550	VR6-25TAG4	97.0	75.0
VR800XS-AU	800	660	880	726	VR6-25TAG5	137.0	76.0
VR900XS-AU	900	720	1000	800	VR6-35TAG4	160.0	77.0
VR1000XS-AU	1000	800	1100	880	VR6-35TAG5	160.0	77.0



NEW VR SELECTION TABLE

High Cost Effective Genset

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50Hz | 60Hz Available

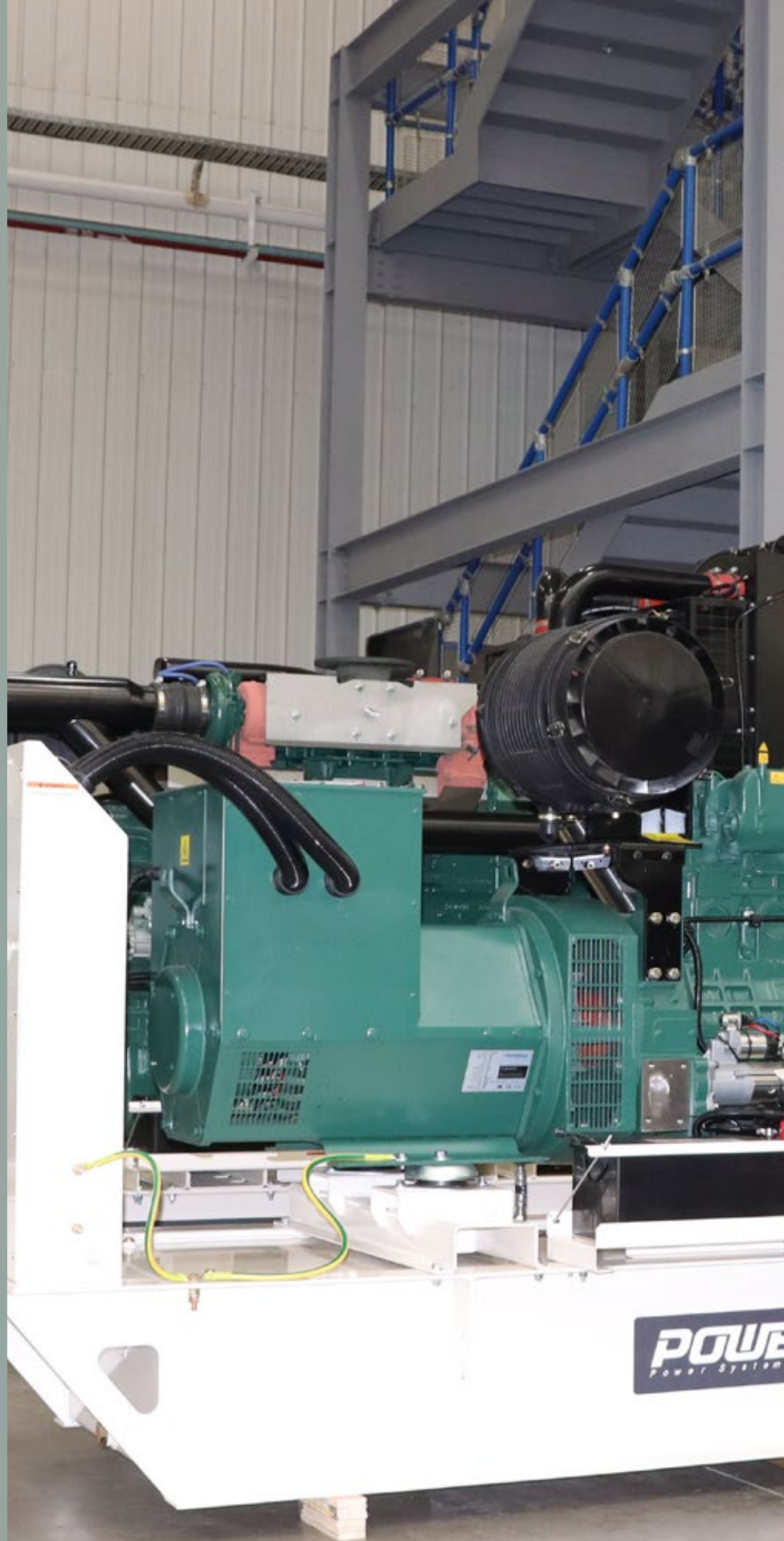
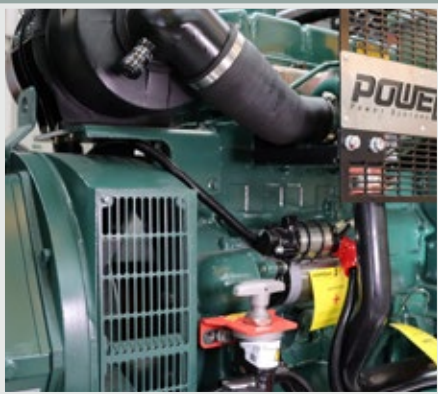
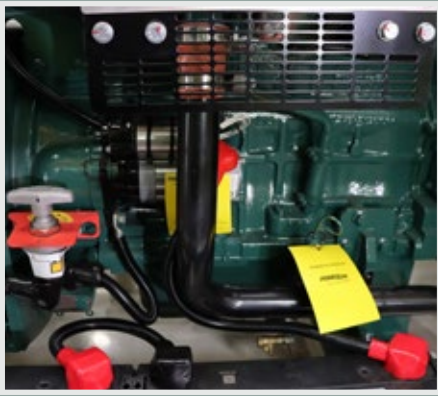


Available Models:

Powered by PowerLink / 60Hz / 1800RPM / 3P

Product Model	Prime Power		Standby Power		Engine Model	Fuel Cons.	Noise Level
	kVA	kW	kVA	kW	Powerlink	@ 75% Load	dB(A) @7m
VR11X6S-AU	12	10	13	11	VR3-1.4G1	2.0	66.8
VR17X6S-AU	19	15	21	17	VR4-2.3G1	2.5	66.8
VR22X6S-AU	25	20	28	22	VR4-2.7G1	4.2	67.1
VR30X6S-AU	35	28	39	31	VR4-3.2G1	5.6	67.4
VR40X6S-AU	50	40	55	44	VR4-3.2TG2	5.6	67.4
VR60X6S-AU	68	55	75	60	VR4-4.1TG2	10.0	68.0
VR70X6S-AU	75	60	83	66	VR4-4.1TAG2	14.0	68.0
VR90X6S-AU	100	80	110	88	VR4-4.1TAG3	14.0	68.5
VR110X6S-AU	120	96	132	106	VR4-4.8TAG2	15.0	69.2
VR120X6S-AU	135	108	149	119	VR4-4.8TAG3	16.0	70.0
VR158X6S-AU	180	144	198	158	VR6-6.5TAG2	25.0	71.0
VR200X6S-AU	225	180	248	198	VR6-9.7TAG1	34.5	71.3
VR245X6S-AU	275	220	303	242	VR6-10TAG1	43.0	72.0
VR300X6S-AU	350	280	385	308	VR6-10TAG2	58.0	73.0
VR360X6S-AU	413	330	454	363	VR6-12TAG2	66.0	73.0
VR400X6S-AU	450	360	495	396	VR6-13TAG3	73.0	74.0
VR500X6S-AU	563	450	619	495	VR6-16TAG3	81.0	74.0
VR600X6S-AU	688	550	756	605	VR6-25TAG4	97.0	75.0
VR770X6S-AU	875	700	963	770	VR6-25TAG5	137.0	76.0
VR800X6S-AU	900	720	990	792	VR6-35TAG4	160.0	77.0
VR960X6S-AU	1100	880	1210	968	VR6-35TAG5	160.0	77.0





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SALES AND SERVICE SUPPORT



With 132 sales service providers in 98 countries and subsidiaries in the United Kingdom, China, Australia and Myanmar, the company provides customers with sufficient, fast and high-quality product supply and service.



THINK GLOBALLY, ACT LOCALLY ALWAYS AT YOUR SIDE

Every product in every region has a professional team to serve our distributors. With the help of the global distributor network, PowerLink can provide energy services for users all over the world.



TECHNICAL SUPPORT AND HIGH-QUALITY CONTINUOUS AFTER SALES SERVICE



We are confident enough to get the job done and capable enough to move quickly.

At PowerLink, the success of the customer is of high importance. We deliver service solutions and utilize our full expertise to help you reach your goals.

PowerLink, ensures optimum performance and longevity for every generating set through its after-sales service department.

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WE OFFER AFTER-SALES ASSISTANCE AND A COMPLETE RANGE OF GENUINE SPARE-PARTS THROUGHOUT THE WORLD



A first-class support system is provided by its experienced and highly-qualified technical team, along with a wide array of spare parts, always available in stock.

OUR SERVICE - AS A PART OF YOUR BUSINESS



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