



WATER MANAGEMENT

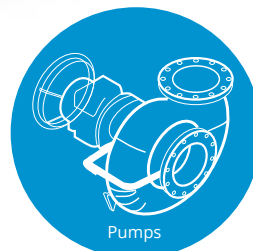
Diesel Powered Generators

Valley Water Management diesel powered generators are aimed at farm applications, designed prioritizing the demands of our irrigation machines along with the ancillaries such as electric driven pump units for water transfer, dosing, agitation etc. connected to the machine. These units are capable of working as main source supply in farms without main electricity or as standby unit where in the main supply is weak or unreliable.



Features:

- Efficient and reliable design.
- Permissible overloads of up to 300% for motor starting.
- Available in rating ranging from 9 kVA - 500 kVA.
- Available in open, closed or trailer mount configuration.
- Remote control and monitoring options available.
- Aftersales support through Valley dealerships.



VME PART NO	GENSET MODEL	PRIME RATING 50HZ(KVA)	PRIME RATING 60HZ(KVA)	ENGINE	ALTERNATOR	DIMENSIONS		
						L (mm)	W (mm)	H (mm)
5120093	JP9	9	11	PERKINS	MECCALTE	1910	860	1120
5120094	JP13	13	16	PERKINS	MECCALTE	1910	860	1120
5120139	JP15	15	18	PERKINS	MECCALTE	1910	860	1120
5120095	JP20	20	24	PERKINS	MECCALTE	1910	860	1120
5120125	JP30	30	35	PERKINS	MECCALTE	2120	970	1520
5120126	JP45	45	50	PERKINS	MECCALTE	2300	1110	1520
5120127	JP60	60	68	PERKINS	MECCALTE	2300	1110	1520
5120128	JP80	80	90	PERKINS	MECCALTE	2300	1100	1520
5120129	JP100	100	110	PERKINS	MECCALTE	2770	1110	1520
5120130	JP135	135	150	PERKINS	MECCALTE	3520	1110	1800
5120131	JP150	150	165	PERKINS	MECCALTE	3520	1110	1800
5120132	JP200	200	245	PERKINS	MECCALTE	3900	1430	1980
5120133	JP250	250	280	PERKINS	MECCALTE	3900	1430	1980
5120134	JP300	300	335	PERKINS	MECCALTE	4700	1630	2010
5120135	JP350	350	400	PERKINS	MECCALTE	4900	1630	2190
5120136	JP450	450	500	PERKINS	MECCALTE	5190	1630	2190
5120142	JP500	500	500	PERKINS	MECCALTE	5190	1630	2190

Prime Power

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. 10% overload power is available for 1 hour in 12 hours continuous operation.

Standby power

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings

Motor Starting

The permissible overloads are of 300% for 20 Seconds, of 50% for 2 minutes and of 10% for 1 hour in every 6 hours of operation.

Quality standards

These equipment meet the following standards: BS4999, BS5000, BS5514 IEC 60034, VDE0530, NEMA MG 1.22 and ISO 8528.

Standard reference conditions

Output ratings are presented at 25°C air inlet temperature, barometric pressure 100 kPa, relative

humidity 30%. These generating sets are designed to operate at high ambient temperatures (up to 55°C), humidity (up to 99%) and higher altitudes. De-ration may apply, please consult Valmont Middle East.

Warranty

All of the Generating Sets are covered under a warranty policy for a period of 12 months. Warranty of the equipment is in line with manufacturer’s warranty terms & conditions.

Notes

- Available as open type and weather proof closed canopy models.
- Service packs for 1000 & 2000 hours of operation available.
- Trailer mounted models available in selected range, contact VME.
- Dimensions given are for reference only.