

X TREME DIESEL GENERATORS

BLUE DIAMOND
MACHINERY



At Blue Diamond Machinery, we have created an out of the box turn-key rental and construction generator, our new range of generators are built to meet the harshest conditions Australasia wide.

Powered with Perkins engines and Leroy-somer alternators to offer you the best local support, backed with a 3 year - 1500hour warranty. Our range of generators meet all mine site and construction requirements, without the need of upgrade or installation of aftermarket parts.



Perkins powered and rated @ 60°



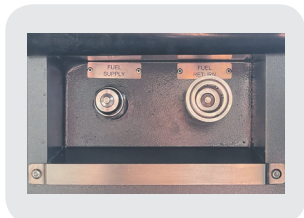
Fitted with ComAp controller



Built to meet all ISO & AS Standards



Fitted with isolators & Jump Start Terminal



Fitted with 3 way fuel system for extended run times

Optional Upgrades include:

- ❖ **Synchronization:**
Allows the client to run numerous generators in parallel, to achieve a larger power supply with the efficiency of lower fuel cost and servicing intervals.
- ❖ **Auto Oil Feed Systems:**
This feature involves the installation of an auxiliary oil tank and automatic feeding FW Murphy Gauge, the gauge will ensure the lube oil level in the engine is kept to its specified level.

This will allow the client to leave the generator in remote locations with confidence it will not suffer from oil starvation in-between servicing intervals.
- ❖ **ComAp 4G Monitoring:**
Remote monitoring of assets and equipment is a must have nowadays and ComAp are a leading provider of this service, offering complete remote access to your generator from your PC or mobile phone.

This allows the client to check fuel levels, run hours, service intervals, power consumption and supply. It also allows dedicated technicians to diagnose faults and make changes to your generator remotely, saving dedicated site call outs.
- ❖ **Outlet Configurations:**
At Blue Diamond Machinery, we can install outlets to meet the clients' needs and have access to all leading brands.



Blue Diamond Machinery Rental and Construction Ready Generator Range

30kVA to 150kVA

	30kva	50kva	60kva	80kva	100kva	150kva
	GEN33RPT	GEN55RPT	GEN66RPT	GEN88RPT	GEN100RPT	GEN165RPT
KVA (PRIME)	30kva	50kva	60kva	80kva	100kva	150kva
SUPPLIER MODEL NUMBER	GEN33RPT	GEN55RPT	GEN66RPT	GEN88RPT	GEN100RPT	GEN165RPT
Outlet Kit	3x15amp-1x32amp	3x15amp-2x32amp	3x15amp-1x32amp-1x63amp	3x15amp-1x32amp-1x63amp	3x15amp-2x32amp-1x63amp	3x15amp-2x32amp-1x63amp
Steel bolt on cover over outlets	yes	yes	yes	yes	yes	yes
Busbar for hard wiring	yes	yes	yes	yes	yes	yes
MCB to drop load before shutting engine down via E stop or common shutdown	yes	yes	yes	yes	yes	yes
IP66 rated electrical cabinet	yes	yes	yes	yes	yes	yes
ABB Lock out shroud	yes	yes	yes	yes	yes	yes
2 X Emergency stops	yes	yes	yes	yes	yes	yes
External/lockable battery & startor isolator on opposite side of battery	yes	yes	yes	yes	yes	yes
CM Ethernet for Comap (Ethernet & SNMP Function)	yes	yes	yes	yes	yes	yes
CM RS232-485 Expansion module for Comap IL3-MRS16	yes	yes	yes	yes	yes	yes
DSE 9474/9484 Battery charger with temp. Monitoring / Temp. Compensated charging / Over temp. Protection	DSE9470	DSE9470	DSE9470	DSE9470	DSE9470	DSE9470
AREP Excitation for Alternator - PMG fitted	yes	yes	yes	yes	yes	yes
3 way fuel valve and external quick connect	yes	yes	yes	yes	yes	yes
60 Degree Celsius cooling package upgrade (Steel header tank upgrade also)	60° aluminum radiator	60° aluminum radiator	60° aluminum radiator	60° aluminum radiator	60° aluminum radiator	60° aluminum radiator
415V Alternator heat dissipation venting	yes	yes	yes	yes	yes	yes
Manufactured heat blankets (Rather than exhaust wrap / bagging)	yes	yes	yes	yes	yes	yes
Hinged access door for radiator cleaning	yes	yes	yes	yes	yes	yes
Solar panel trickle charge system with temp compensation and protection 100amp	yes	yes	yes	yes	yes	yes
ABB RCD / RCQ	yes	yes	yes	yes	yes	yes
SS Model / ID plate fitted with unit details	yes	yes	yes	yes	yes	yes
Level leak float device in the outer bund area of enclosure	yes	yes	yes	yes	yes	yes
Donaldson Pre Cleaner to the air filtration system	yes	yes	yes	yes	yes	yes
Harmonic filtering on voltage sensing inputs	yes	yes	yes	yes	yes	yes
Designated test outlet for earth leakage testing	yes	yes	yes	yes	yes	yes
Electric fuel priming pump fitted	yes	yes	yes	yes	yes	yes
Skid base	Galvanized	Galvanized	Galvanized	Galvanized	Galvanized	Galvanized
Modbus RS485 Surge Protection device	yes	yes	yes	yes	yes	yes
Adjustable Earth Leakage system - (ABB RDE ELR)	yes	yes	yes	yes	yes	yes
Cover internal sound attenuating material around fuel filling zone	yes	yes	yes	yes	yes	yes
Base Model Information: Engine Manufacturer and Model - PERKINS	1103A-33G	1103A-33TG2	1103A-33TG2	1104A-44TG2	1104C-44TAG2	1106A-70TAG2
Base Model Information: Alternator Manufacturer and Model - LEROY-SOMER	LSA 42.3 VS3	LSA 42.3 MB	LSA 42.3 L9	LSA44.3 S3	LSA44.3 S5	LSA44.3 L10
Base Model Information: Fuel Tank - 3Hrs run time	100L	200L	200L	250L	300L	400L
Base Model Information: MCB	XTIC160 TMD50-500 FF 4P	XTIC160 TMD80-800 FF 4P	XTIC160 TMD100-1000 FF 4P	XTIC160 TMD125-1250 FF 4P	XTIC160 TMD160-1600 FF 4P	XT3N250 TMD250-2500 FFCL 4P
Motorized breaker for Sync	no	no	no	no	no	yes
Base Model Information: Controller	MRS16	MRS16	MRS16	MRS16	MRS16	IG200
Base Model Information: Prime kVA	30	50	60	80	100	150
Base Model Information: Standby kVA	33	55	66	88	110	165
Base Model Information: Prime kW	24	40	48	64	80	120
Base Model Information: Standby kW	26.4	44	52.8	70.4	88	132
Dimensions: L x W x H	2600 x 1140 x 1680	2600 x 1140 x 1780	2600 x 1140 x 1780	3000 x 1240 x 1980	3000 x 1240 x 1980	3500 x 1340 x 2170

Blue Diamond Machinery Rental and Construction Ready Generator Range

200kVA to 1000kVA

	200kva	250kva	300kva	500kva	800kva	1000kva
KVA (PRIME)	200kva	250kva	300kva	500kva	800kva	1000kva
SUPPLIER MODEL NUMBER	GEN220RPT	GEN275RPT	GEN330RPT	GEN500RPT	GEN800RPT	GEN1000RPT
Outlet Kit	3x15amp-2x32amp-1x63amp	3x15amp-2x32amp-1x63amp	3x15amp-2x32amp-1x63amp	3x15amp-2x32amp-1x63amp	no	no
Steel bolt on cover over outlets	yes	yes	yes	yes	no	no
Busbar for hard wiring	yes	yes	yes	yes	yes	yes
MCB to drop load before shutting engine down via E stop or common shutdown	yes	yes	yes	yes	yes	yes
IP65 rated electrical cabinet	yes	yes	yes	yes	yes	yes
ABB Lock out shroud	yes	yes	yes	yes	yes	yes
2 X Emergency stops	yes	yes	yes	yes	yes	yes
External lockable battery & starter isolator on opposite side of battery	yes	yes	yes	yes	yes	yes
CM Ethernet for Comap (Ethernet & SNMP Function)	yes	yes	yes	yes	yes	yes
CM - RS232-485 Expansion module for Comap I.L3-MRS16	yes	yes	yes	yes	yes	yes
DSE 9474/9484 Battery charger with temp. Monitoring / Temp. Compensated charging / Over temp. Protection	DSE9470	DSE9470	DSE9474	DSE9474	DSE9474	DSE9474
AREP Excitation for Alternator - PMG fitted	yes	yes	yes	yes	yes	yes
3 way fuel valve and external quick connect	yes	yes	yes	yes	yes	yes
60 Degree Celsius cooling package upgrade (Steel header tank upgrade also)	60° aluminium radiator	60° aluminium radiator	60° aluminium radiator	50° aluminium radiator	50° Copper radiator	50° Copper radiator
415V Alternator heat dissipation venting	yes	yes	yes	yes	yes	yes
Manufactured heat blankets (Rather than exhaust wrap / lagging)	yes	yes	yes	yes	yes	yes
Hinged access door for radiator cleaning	yes	yes	yes	yes	yes	yes
Solar panel trickle charge system with temp compensation and protection 100amp	yes	yes	yes	yes	yes	yes
ABB RCD / RCQ	yes	yes	yes	yes	yes	yes
SS Model ID plate fitted with unit details	yes	yes	yes	yes	yes	yes
Level/leak float devise in the outer bund area of enclosure	yes	yes	yes	yes	yes	yes
Donaldson Pre Cleaner to the air filtration system	yes	yes	yes	yes	yes	yes
Harmonic filtering on voltage sensing inputs	yes	yes	yes	yes	yes	yes
Designated test outlet for earth leakage testing	yes	yes	yes	yes	yes	yes
Electric fuel priming pump fitted	yes	yes	yes	yes	yes	yes
Skid base	Galvanized	Galvanized	Galvanized	Galvanized	Galvanized	Galvanized
Modbus RS485 Surge Protection device	yes	yes	yes	yes	yes	yes
Adjustable Earth Leakage system - (ABB RD2 ELR)	yes	yes	yes	yes	yes	yes
Cover Internal sound attenuating material around fuel filling zone	yes	yes	yes	yes	yes	yes
Base Model Information: Engine Manufacturer and Model - PERKINS	T106A-70TAC4	1206A-E70TTAC3	1706A-E93TAG1	2506C-E15TAC2	4006-23TAG3A	4008-TAC2
Base Model Information: Alternator Manufacturer and Model - LEROY-SOMER	LSA44.3 L14	LSA46.3 S5	LSA46.3 M8	LSA 472 M7	LSA 49.3 M8	LSA 49.3 L10
Base Model Information: Fuel Tank - 13Hrs run time	560L	680L	700L	1400L	2250L	2800L
Base Model Information: MCB	T15N400 TMA400/2000-4000 FF 4P	T15N400 TMA400/2000-4000 FF 4P	T15N630 TMA500/2500-5000 FF 4P	E1B 800 D LI 4P F F NST	E1B 1250 D LI 4P F F NST	E1B 1600 D LI 4P F F NST
Motorized breaker for Sync	yes	yes	yes	yes	yes	yes
Base Model Information: Controller	IG200	IG200	IG200	IG200	IG200	IG200
Base Model Information: Prime kVA	200	250	300	500	800	1000
Base Model Information: Standby kVA	220	275	330	550	880	1100
Base Model Information: Prime kW	160	200	240	400	640	800
Base Model Information: Standby kW	176	220	264	440	704	880
Dimensions: L x W x H	3500 x 1340 x 2270	4000 x 1460 x 2520	4200 x 1460 x 2520	5015 x 1715 x 2555	6058 x 2438 x 2896	6058 x 2438 x 2896