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LionRock[®] Diesel Generator Set

6kVA ~ 4000kVA

Power • People





About 3Tech & LionRock®

Founded as an E&M engineering company in 1998 with headquarter in Hong Kong, 3Tech is a specialist in providing power solution for infrastructure projects oversea with focus on Telecommunication industry. Business scope in Hong Kong including E&M installation projects, renewable power engineering projects, diesel and gas engine generator sets. 3Tech is also developing the low voltage switchboard as well as UPS and battery system.



Starting as an international brand generator sets dealer, 3Tech gradually found the mass production standard design generators offered by major brands do not meet customer's requirements and heavy modifications are required. LionRock brand generator set is created to address individual customer needs. Customization is our expertise.

Milestone

- 3Tech is the major diesel generator set supplier to Huawei, Zhongxing Telecommunication Equipment (ZTE) & Delta since 2003.
- 3Tech supplied more than 40,000 units diesel and gas engine generator sets worldwide over 20 years.

The production plant of LionRock diesel generator set is located in Dongguan city, Guangdong Province, China.

- Factory area 18,000m², experienced engineers and skillful workers over 150 employees.
- The plant includes R&D center, parts warehouse, genset production lines and testing facilities.



Quality & Certificates

3Tech is the authorised OEM partner of Perkins, Mitsubishi and Leroy Somer.



3Tech Dongguan production plant is ISO9001, ISO14000 and ISO18000 certified & LionRock diesel generator sets CE marking certified.



Generator Set Range

6kVA ~ 4000kVA

LionRock diesel generator sets offer wide range of prime and standby rating from 6kVA to 4000kVA, suitable for commercial, industrial, telecom and datacenter application.



Standard Features

- Driven by International brand diesel engine such as Perkins, Mitsubishi and MTU.
- Each generator set is quality checked and load tested to rated capacity.
- Set mounted 40 °C radiator with engine driven fan.
- Anti-vibration mounts between alternator/engine and the baseframe for easy installation.
- Auto start control panel with engine/electrical monitoring & protection function and graphics parameters display.
- 4pole, rotating field, brushless, self excited alternator with optional AREP/PMG for excellent load response.
- Various of options are available to suit different application and environmental requirement.
- Each LionRock generating set will go through factory test at 0%, 25%, 50%, 75%, 100% and 110% of rated prime capacity.

Standards

- All LionRock diesel generator sets comply to international standard ISO8528, ISO3046, IEC60034, BS5000

Rating Definition (according to ISO8528-1)

- Prime Rating: output available for variable load with unlimited annual hours of operation, a 10% overload is available for 1 hour in every 12 hours operation.
- Standby Rating: output available for variable load during normal power failure. No overload is permitted.

LionRock also offer different types of mobile generators including trailer, truck mounted and containerised package for easy transportation and deployment. All designed to work on different terrain from city to mountains.



LRP series (50Hz)
LionRock diesel genset powered by Perkins engine



* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRP9.5	8.5	6.8	9.5	7.6	403D-11G	2.5	1320	550	1100	330
LRP13.5	12.5	10	13.5	10.8	403D-15G	3.6	1320	550	1150	390
LRP16	14	11.2	15.5	12.4	403A-15G2	4.0	1320	550	1150	420
LRP22	20	16	22	17.6	404D-22G	5.3	1320	550	1200	460
LRP28	26	20.8	28	22.4	404D-22TG	6.8	1320	600	1330	460
LRP33	30	24	33	26.4	1103A-33G	7.0	1570	850	1350	830
LRP45	40	32	45	36	1103A-33TG1	9.4	1750	850	1350	950
LRP50	45	36	50	40	1103A-33TG1	10.5	1750	850	1350	950
LRP65	60	48	65	52	1103A-33TG2	13.7	1750	850	1350	950
LRP70	65	52	70	56	1104A-44TG1	14.4	2000	1100	1350	1050
LRP88	80	64	88	70.4	1104A-44TG2	18.2	2000	1100	1350	1050
LRP100	90	72	100	80	1104C-44TAG2	19.6	2000	1100	1350	1200
LRP110	100	80	110	88	1104C-44TAG2	21.8	2000	1100	1350	1200
LRP150	135	108	150	120	1106A-70TG1	29.8	2500	1100	1550	1580
LRP165	150	120	165	132	1106A-70TAG2	32.9	2500	1100	1550	1650
LRP200	180	144	200	160	1106A-70TAG3	41.4	2500	1100	1650	1780
LRP220	200	160	220	176	1106A-70TAG4	45.6	2500	1100	1650	1780
LRP250	225	180	250	200	1206A-E70TTAG2	50.7	2800	1100	1800	1850
LRP275	250	200	274	219.2	1206A-E70TTAG3	56.9	2800	1100	1800	1850
LRP340	315	252	340	272	1506A-E88TAG5	64.9	3000	1100	1800	2650
LRP345	310	248	345	276	1706A-E93TAG1	62.0	3000	1100	1800	2650
LRP385	350	280	385	308	1706A-E93TAG2	69.0	3000	1100	1800	2650
LRP400	355	284	400	320	2206C-E13TAG2	78.0	3500	1150	2150	3150
LRP450	410	328	450	360	2206C-E13TAG3	81.0	3500	1150	2150	3350
LRP500	455	364	500	400	2506C-E15TAG1	93.0	3500	1150	2200	3500
LRP560	500	400	560	448	2506C-E15TAG2	98.0	3500	1150	2200	3950
LRP660	600	480	660	528	2806C-E18TAG1A	120	3600	1540	2150	4450
LRP700	660	528	700	560	2806A-E18TAG2	131	3600	1540	2150	4500
LRP770	700	560	770	616	2806A-E18TTAG4	146	3600	1540	2150	4950
LRP840	760	608	840	672	2806A-E18TTAG5	161	3600	1540	2150	5000
LRP800	725	580	800	640	4006-23TAG2A	157	4280	1800	2350	6200
LRP900	800	640	895	716	4006-23TAG3A	172	4280	1800	2350	6250
LRP1000	910	728	1000	800	4008TAG1A	195	4850	2150	2250	7650
LRP1100	1000	800	1100	880	4008TAG2A	210	4850	2150	2250	7700
LRP1250	1125	900	1250	1000	4008-30TAG3	244	4800	2250	2150	7920
LRP1375	1250	1000	1375	1100	4012-46TWG2A	258	4800	2000	2450	8850
LRP1500	1365	1092	1500	1200	4012-46TAG1A	280	5200	2000	2450	9850
LRP1650	1500	1200	1650	1320	4012-46TAG2A	308	5200	2000	2450	10500
LRP1880	1720	1376	1880	1504	4012-46TAG3A	368	5400	2200	2450	11500
LRP2000	1840	1472	2000	1600	4016TAG1A	381	6000	2250	3050	14500
LRP2250	2000	1600	2200	1760	4016TAG2A	422	6000	2250	3050	14500
LRP2500	2250	1800	2500	2000	4016-61TRG3	469	6200	2250	3050	15100



LRT series (50Hz)
LionRock diesel genset powered by Mitsubishi engine

* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRT5	4	3.2	5	4	L2E	1.3	1100	550	1050	320
LRT7.5	6.5	5.2	7.5	6	L3E	2.0	1100	550	1050	330
LRT10.5	10	8	11	8.8	S3L2	2.8	1320	550	1050	400
LRT16	14	11.2	16	12.8	S4L2	4.2	1320	550	1050	420
LRT23	21	16.8	23	18.4	S4Q2	6.6	1320	550	1050	480
LRT33	30	24	33	26.4	S4S	9.0	1540	850	1250	550
LRT420	380	304	420	336	S6B3-PTA	81.0	3300	1500	1700	3250
LRT500	455	364	500	400	S6A3-PTA	99.0	3300	1600	1750	3800
LRT555	505	404	555	444	S6A3-PTAA	109	3300	1600	1850	4000
LRT650	590	472	650	520	S6R-PTA	127	3800	1700	1950	5200
LRT745	675	540	745	596	S6R2-PTA	140	3800	1700	1950	5800
LRT810	730	584	810	648	S6R2-PTAA	156	4000	1800	1950	6000
LRT970	880	704	970	776	S12A2-PTA2	188	4200	1800	2000	6800
LRT1160	1055	844	1160	928	S12H-PTA	217	4200	1800	2250	7850
LRT1415	1285	1028	1415	1132	S12R-PTA	264	4700	2000	2450	9350
LRT1525	1385	1108	1525	1220	S12R-PTA2	283	4700	2000	2450	10200
LRT1675	1525	1220	1675	1340	S12R-PTAA2	312	5200	2100	2450	11200
LRT1900	1740	1392	1900	1520	S16R-PTA	357	6000	2200	2550	12500
LRT2080	1890	1512	2080	1664	S16R-PTA2	388	6000	2200	2700	12900
LRT2255	2020	1616	2255	1804	S16R-PTAA2	415	6000	2250	2800	13500
LRT2535	2280	1824	2525	2020	S16R2-PTAW	468	6350	2250	2850	14500



LRY series (50Hz)
LionRock diesel genset powered by Yanmar engine

* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRY6	5.5	4.4	6	4.8	3TNM68	1.7	1320	550	1050	320
LRY6.5	6	4.8	6.5	5.2	3TNV70	1.9	1320	550	1050	345
LRY9	8.5	6.8	9	7.2	3TNV76	2.5	1320	550	1050	345
LRY11.5	10.5	8.4	11.5	9.2	3TNV82A	2.9	1320	550	1050	350
LRY13.5	12.5	10	13.5	10.8	3TNV88	3.5	1320	550	1050	355
LRY16.5	15	12	16.5	13.2	3TNV84T	4.0	1320	550	1050	380
LRY19	17.5	14	19	15.2	4TNV88	4.7	1650	720	1200	395
LRY22	20	16	22	17.6	4TNV84T	5.6	1650	720	1200	395
LRY38	34	27.2	38	30.4	4TNV98	8.9	1650	850	1200	630
LRY45	40	32	45	36	4TNV98T	10.3	1650	850	1200	630
LRY55	50	40	55	44	4TNV106	11.3	1800	850	1350	675
LRY62	57	45.6	62	49.6	4TNV106T	13.9	1800	850	1350	705

LRC series (50Hz)
LionRock diesel genset powered by Cummins engine



* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRC27	25	20	27	21.6	4B3.9-G2	6.7	1800	900	1400	750
LRC40	37	29.6	40	32	4BT3.9-G2	9.3	1800	900	1400	780
LRC55	50	40	55	44	4BTA3.9-G2	12.6	1800	900	1400	850
LRC66	60	48	66	52.8	4BTA3.9-G2	15.0	1800	900	1400	850
LRC85	75	60	85	68	4BTA3.9-G11	17.4	1800	900	1450	950
LRC100	90	72	100	80	6BT5.9-G1	21.7	2200	1000	1500	1200
LRC110	100	80	110	88	6BT5.9-G2	24.2	2200	1000	1500	1200
LRC125	115	92	125	100	6BTA5.9-G2	27.0	2300	1050	1550	1250
LRC140	130	104	140	112	6BTAA5.9-G2	30.0	2300	1050	1550	1300
LRC165	150	120	165	132	6BTAA5.9-G12	33.0	2300	1100	1650	1350
LRC200	180	144	200	160	6CTA8.3-G2	42.0	2500	1100	1650	1650
LRC220	200	160	220	176	6CTAA8.3-G2	45.0	2500	1100	1650	1650
LRC275	250	200	275	220	6LTAA8.9-G3	53.0	2600	1100	1650	2000
LRC315	275	220	315	252	NTA855-G1A	53.0	3400	1200	1900	2650
LRC350	315	252	350	280	NTA855-G1B	69.0	3400	1200	1900	2800
LRC375	345	276	375	300	NTA855-G2A	69.0	3400	1250	2100	2800
LRC415	375	300	415	332	NTAA855-G7	75.0	3500	1250	2100	2900
LRC450	410	328	450	360	6ZTAA13-G2	87.0	3500	1300	2100	3000
LRC495	450	360	495	396	QSZ13-G2	99.0	3500	1300	2150	3100
LRC535	510	408	535	428	QSZ13-G3	101	3500	1300	2150	3200
LRC400	365	292	400	320	KTA19-G2	83.0	3500	1450	2100	3500
LRC500	450	360	500	400	KTA19-G3	97.0	3500	1450	2100	3750
LRC560	500	400	560	448	KTA19-G4	107	3500	1450	2100	3850
LRC625	525	420	625	500	KTAA19-G5	113	3700	1550	2200	4100
LRC650	580	464	650	520	KTAA19-G6	119	3700	1550	2200	4200
LRC690	625	500	690	552	KT38-G	140	4200	1800	2200	6500
LRC800	725	580	800	640	KT38-GA	162	4200	1800	2200	6650
LRC825	750	600	825	660	KTA38-G2	167	4300	1800	2350	6800
LRC880	800	640	880	704	KTA38-G2B	168	4300	1800	2350	7200
LRC1000	910	728	1000	800	KTA38-G2A	191	4500	2000	2350	7350
LRC1100	1000	800	1100	880	KTA38-G5	209	4500	2000	2350	7850
LRC1375	1250	1000	1375	1100	KTA50-G3	254	5200	2200	2500	9150
LRC1650	1500	1200	1650	1320	KTA50-GS8	289	5400	2200	2500	11050
LRC1875	1700	1360	1875	1500	QSK60-G10	342	6200	2250	2650	14300
LRC2050	1875	1500	2050	1640	QSK60-G7	378	6200	2250	2650	14850
LRC2250	2000	1600	2250	1800	QSK60-G11	438	6200	2250	2750	15000
LRC2500	2250	1800	2500	2000	QSK60-G21	461	6400	2250	2750	15500



LRM series (50Hz)
LionRock diesel genset powered by MTU engine

* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRM500	450	360	500	400	10V1600G70F	102	3600	1650	2150	4100
LRM550	500	400	550	440	10V1600G80F	109	3600	1650	2150	4250
LRM650	590	472	650	520	12V1600G70F	117	3600	1650	2150	5080
LRM710	645	516	710	568	12V1600G80F	129	3600	1650	2150	5200
LRM715	650	520	715	572	12V2000G25	136	4250	1750	2100	5500
LRM850	780	624	860	688	12V2000G65	163	4250	1750	2100	5800
LRM1000	910	728	1000	800	16V2000G25	190	4500	2000	2200	6850
LRM1100	1000	800	1100	880	16V2000G65	209	4500	2000	2200	7000
LRM1250	1135	908	1250	1000	18V2000G65	234	5000	2200	2350	7900
LRM1400	1250	1000	1400	1120	18V2000G76F	258	5000	2200	2350	9200
LRM1800	1630	1304	1800	1440	12V4000G74F	333	5500	2250	2500	12200
LRM2000	1800	1440	2000	1600	12V4000G84F	369	5600	2250	2500	12600
LRM2300	2100	1680	2300	1840	16V4000G74F	422	6200	2350	2650	14800
LRM2550	2300	1840	2550	2040	16V4000G84F	461	6400	2350	2700	15300
LRM2800	2550	2040	2800	2240	20V4000G64F	516	7200	2650	2850	18600
LRM3100	2800	2240	3100	2480	20V4000G74F	567	7200	2650	3100	19100
LRM3300	3000	2400	3300	2640	20V4000G84F	607	7200	2800	3200	19500
LRM3600	3300	2640	3600	2880	20V4000G94F	607	7200	2800	3250	20300



LRD series (50Hz)
LionRock diesel genset powered by Deutz engine

* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRD13M	12	9.6	13	10.4	F2M2011	3.4	1500	800	1100	445
LRD20M	20	16	21	16.8	F3M2011	5.1	1500	800	1100	550
LRD30M	30	24	31	24.8	F4M2011	7.3	1650	800	1150	700
LRD40M	40	32	42	33.6	BF4M2011	9.5	1650	800	1150	760
LRD63M	60	48	64	51.2	BF4M2011C	14.0	1800	850	1200	950
LRD13L	12	9.6	13	10.4	F2L2011	3.3	1500	800	1100	455
LRD20L	20	16	21	16.8	F3L2011	5.0	1500	800	1100	510
LRD30L	30	24	31	24.8	F4L2011	7.0	1650	800	1150	610
LRD40L	40	32	42	33.6	BF4L2011	9.4	1650	800	1150	740
LRD29G	27	21.6	29	23.2	F3L912	6.3	1550	800	1100	630
LRD40G	38	30.4	40	32	F4L912	8.4	1550	800	1100	720
LRD50G	45	36	50	40	F4L914	9.9	1550	800	1100	720
LRD60G	58	46.4	60	48	F6L912	12.7	1850	850	1200	880
LRD70G	65	52	70	56	BF4L914	14.0	1850	850	1200	900
LRD77G	74	59.2	77	61.6	F6L914	14.9	1850	850	1200	1150
LRD110G	100	80	110	88	BF6L914	25.0	2000	850	1200	1250
LRD140G	130	104	140	112	BF6L914C	30.6	2000	850	1350	1350

LRYZ series (50Hz)
 LionRock diesel genset powered by Weichai engine



* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRYZ25	23	18.4	25	20	WP2.3D25E200	6.1	1500	850	1100	650
LRYZ33	30	24	33	26.4	WP2.3D33E200	7.4	1500	850	1100	720
LRYZ40	36	28.8	40	32	WP2.3D40E200	8.9	1500	850	1250	800
LRYZ50	45	36	50	40	WP2.3D48E200	10.8	1500	850	1250	850
LRYZ70	62	49.6	70	56	WP4.1D66E200	16.1	2000	1100	1400	1000
LRYZ85	77	61.6	85	68	WP4.1D80E200	19.8	2000	1100	1400	1080
LRYZ100	90	72	100	80	WP4.1D100E200	19.6	2000	1100	1400	1150
LRYZ140	125	100	140	112	WP6D132E200	27.5	2500	1150	1550	1660
LRYZ165	150	120	165	132	WP6D152E200	32.8	2500	1150	1550	1660
LRYZ205	190	152	205	164	WP10D200E200	45.6	2500	1150	1650	1900
LRYZ250	230	184	250	200	WP10D238E200	54.1	2800	1200	1700	1950
LRYZ275	250	200	275	220	WP10D264E200	58.3	2800	1200	1800	2150
LRYZ430	390	312	430	344	WP13D385E200	86.3	3500	1300	1850	2850
LRYZ450	400	320	450	360	WP13D405E200	84.2	3500	1300	1850	2850
LRYZ500	450	360	500	400	6M26D447E200	95.0	3800	1350	1800	3800
LRYZ550	500	400	550	440	6M26D484E200	98.0	3800	1350	1800	3920
LRYZ650	590	472	650	520	6M33D572E200	118	3900	1450	2250	4720
LRYZ720	655	524	720	576	6M33D633E200	128	3900	1450	2250	4800
LRYZ825	750	600	825	660	12M26D748E200	157	4500	1650	1850	4800
LRYZ825	800	640	880	704	12M26D792E200	172	4500	1650	1850	4800
LRYZ1000	900	720	1000	800	12M26D902E200	192	5000	1800	2000	7650
LRYZ1100	1000	800	1100	880	12M26D968E200	210	5000	1800	2000	7650
LRYZ1250	1125	900	1250	1000	12M33D1108E200	243	5000	2000	2450	8850
LRYZ1375	1250	1000	1375	1100	12M33D1210E200	256	5200	2000	2450	8850
LRYZ1600	1450	1160	1600	1280	16M33D1400E310	298	5800	2200	2650	10850
LRYZ1750	1600	1280	1750	1400	16M33D1530E310	325	5800	2200	2650	11100
LRYZ1800	1650	1320	1800	1440	16M33D1580E310	351	6300	2200	2650	11500
LRYZ1900	1750	1400	1900	1520	16M33D1680E310	372	6300	2200	2530	11800
LRYZ2100	1900	1520	2100	1680	12M55D1870E310	386	6500	2300	2600	14700
LRYZ2250	2050	1640	2250	1800	12M55D2020E310	432	6500	2300	2750	15000
LRYZ2500	2250	1800	2500	2000	12M55D2210E310	465	6500	2300	2750	15800



LRYC series (50Hz)
 LionRock diesel genset powered by Yuchai engine

* Rating table @ 1500rpm, 50Hz, 400/230V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRYC18	16	12.8	18	14.4	4D24G6	5.0	1500	800	1200	650
LRYC22	20	16	22	17.6	4D24G7	6.1	1500	800	1200	680
LRYC28	26	20.8	28	22.4	4D24TG2	7.6	1500	800	1200	700
LRYC38	34	27.2	38	30.4	4D24TG0	9.3	1500	800	1200	700
LRYC42	39	31.2	42	33.6	YC4D60-D21	11.3	1800	1000	1350	800
LRYC66	60	48	66	52.8	YC4D90Z-D21	16.6	1800	1000	1300	830
LRYC77	74	59.2	77	61.6	YC4A100Z-D20	17.0	1800	1000	1300	960
LRYC100	90	72	100	80	YC6B135Z-D20	19.5	2000	1000	1500	1100
LRYC125	110	88	125	100	YC6B155L-D21	23.2	2000	1120	1400	1250
LRYC145	130	104	145	116	YC6B180L-D20	27.1	2200	1000	1600	1350
LRYC160	145	116	160	128	YC6B205L-D20	31.0	2200	1000	1400	1500
LRYC180	165	132	180	144	YC6A230L-D20	38.6	2500	1100	1650	1600
LRYC200	180	144	200	160	YC6A245L-D21	37.7	2500	1100	1650	1600
LRYC275	250	200	275	220	YC6MK350L-D20	52.8	2800	1150	1700	2100
LRYC340	310	248	340	272	YC6MK420L-D20	64.4	2800	1150	1700	2200
LRYC390	355	284	390	312	YC6MJ480L-D20	73.6	3000	1150	1800	2500
LRYC410	370	296	410	328	YC6MJ500-D21	82.0	3000	1150	1800	2800
LRYC425	395	316	425	340	YC6K520-D30	86.5	3000	1150	1800	3200
LRYC450	410	328	450	360	YC6T550L-D21	82.3	3500	1200	1850	4200
LRYC500	450	360	500	400	YC6K600-D30	97.9	3500	1200	1850	4300
LRYC550	500	400	550	440	YC6T660L-D20	100	3800	1200	2000	4600
LRYC630	580	464	630	504	YC6TD780L-D20	136	4500	1500	2000	4860
LRYC700	630	504	700	560	YC6TD840L-D20	147	4500	1500	2000	5350
LRYC800	740	592	800	640	YC6TD1000-D30	177	4500	1500	2100	6800
LRYC825	760	608	825	660	YC6C1020L-D20	169	4500	1500	2250	7000
LRYC880	800	640	880	704	YC6C1070L-D20	177	4500	1500	2250	7200
LRYC1000	920	736	1000	800	YC6C1220-D31	211	4500	1650	2300	7600
LRYC1100	1000	800	1100	880	YC6C1320-D31	228	4500	1650	2300	7600
LRYC1250	1100	880	1250	1000	YC6C1520-D31	250	4500	1912	2400	8200
LRYC1400	1250	1000	1375	1100	YC6C1660-D30	283	4500	1912	2400	8350
LRYC1375	1250	1000	1375	1100	YC12VC1680-D31	270	6500	2300	2400	12000
LRYC1500	1350	1080	1500	1200	YC12VTD1830-D30	300	6500	2300	2400	12400
LRYC1700	1550	1240	1700	1360	YC12VC2070-D31	328	6500	2300	2500	12800
LRYC1900	1725	1380	1900	1520	YC12VC2270-D31	362	6500	2300	2500	13200
LRYC2100	1875	1500	2100	1680	YC12VC2510-D31	391	6500	2300	2600	13500
LRYC2250	2000	1600	2250	1800	YC12VC2700-D31	416	6500	2300	2750	13800
LRYC2500	2250	1800	2500	2000	YC16VC3000-D31	468	7200	2350	2750	16500
LRYC2750	2500	2000	2750	2200	YC16VC3300-D31	523	7200	2350	2850	16800
LRYC3000	2750	2200	3000	2400	YC16VC3600-D31	572	7200	2350	2900	17100

LRP series (60Hz)
LionRock diesel genset powered by Perkins engine



* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRP12X	10.5	8.4	11.5	9.2	403D-11G	3.0	1320	550	1100	330
LRP16X	14.5	11.6	16	12.8	403D-15G	4.1	1320	550	1150	390
LRP19X	17	13.6	19	15.2	403A-15G2	4.9	1320	550	1150	420
LRP25X	23	18.4	25	20	404D-22G	6.0	1320	550	1200	460
LRP35X	31.5	25.2	35	28	404D-22TG	8.2	1320	600	1330	460
LRP38X	35	28	38	30.4	1103A-33G	8.5	1570	850	1350	830
LRP60X	55	44	60	48	1103A-33TG1	12.9	1750	850	1350	950
LRP75X	69	55.2	75	60	1103A-33TG2	16.4	1750	850	1350	950
LRP85X	78	62.4	85	68	1104A-44TG1	16.9	1750	850	1350	950
LRP100X	92	73.6	100	80	1104A-44TG2	21.9	2000	1100	1350	1050
LRP125X	115	92	127	101.6	1104C-44TAG2	26.3	2000	1100	1350	1200
LRP170X	155	124	170	136	1106A-70TG1	35.1	2000	1100	1350	1200
LRP190X	170	136	189	151.2	1106A-70TAG2	37.8	2500	1100	1550	1580
LRP220X	200	160	220	176	1106A-70TAG3	46.3	2500	1100	1550	1650
LRP260X	230	184	260	208	1206A-E70TTAG1	53.4	2800	1100	1800	1850
LRP400X	360	288	398	318.4	1506A-E88TAG5	77.0	3000	1100	1800	2650
LRP400X	365	292	400	320	1706A-E93TAG1	74.0	3000	1100	1800	2650
LRP440X	400	320	440	352	2206C-E13TAG2	79.0	3500	1150	2150	3350
LRP570X	510	408	570	456	2506C-E15TAG1	102	3500	1150	2200	3500
LRP700X	640	512	700	560	2806C-E18TAG1A	127	3600	1540	2150	4450
LRP760X	685	548	760	608	2806C-E18TAG3	141	3600	1540	2150	4500
LRP900X	815	652	900	720	2806A-E18TTAG5	179	3600	1540	2150	5000
LRP940X	850	680	940	752	2806A-E18TTAG7	186	3600	1540	2150	5000
LRP825X	750	600	825	660	4006-23TAG2A	176	4280	1800	2350	6200
LRP925X	845	676	940	752	4006-23TAG3A	195	4280	1800	2350	6250
LRP970X	880	704	970	776	4008TAG1	201	4850	2150	2250	7650
LRP1125X	1000	800	1125	900	4008TAG2	224	4850	2150	2250	7700
LRP1375X	1250	1000	1375	1100	4012-46TWG2A	266	4800	2000	2450	8850
LRP1500X	1375	1100	1500	1200	4012-46TAG1A	284	5200	2000	2450	9850
LRP1650X	1515	1212	1650	1320	4012-46TAG2A	315	5200	2000	2450	10500
LRP1880X	1715	1372	1880	1504	4012-46TAG3A	356	5400	2200	2450	11500



LRM series (60Hz)
LionRock diesel genset powered by MTU engine

* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRM560X	510	408	560	448	10V1600G70S	109	3600	1650	2150	4100
LRM625X	565	452	625	500	10V1600G80S	120	3600	1650	2150	4250
LRM680X	620	496	680	544	12V1600G70S	215	3600	1650	2150	5080
LRM750X	675	540	750	600	12V1600G80S	130	3600	1650	2150	5200
LRM880X	800	640	880	704	12V2000G45	166	4250	1750	2100	5500
LRM1000X	905	724	1000	800	12V2000G85	190	4250	1750	2100	5800
LRM1150X	1035	828	1150	920	16V2000G45	215	4500	2000	2200	6850
LRM1250X	1150	920	1250	1000	16V2000G85	236	4500	2000	2200	7000
LRM1500X	1350	1080	1500	1200	18V2000G85	279	5000	2200	2350	7900
LRM1550X	1375	1100	1550	1240	18V2000G76S	284	5000	2200	2350	9200
LRM2000X	1740	1392	2000	1600	12V4000G74S	356	5500	2250	2500	12200
LRM2200X	2000	1600	2200	1760	12V4000G84S	407	5600	2250	2500	12600
LRM2625X	2325	1860	2625	2100	16V4000G74S	474	6200	2350	2650	14800
LRM2875X	2625	2100	2875	2300	16V4000G84S	535	6400	2350	2700	15300
LRM3180X	2875	2300	3180	2544	20V4000G64S	584	7200	2650	2850	18600
LRM3500X	3188	2550	3500	2800	20V4000G74S	642	7200	2650	3100	19100
LRM4075X	3500	2800	4075	3260	20V4000G94S	704	7200	2800	3250	20300



LRYC series (60Hz)
LionRock diesel genset powered by Yuchai engine

* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRYC45X	40	32	45	36	YC4D65-D20	10.1	1800	1000	1350	800
LRYC55X	50	40	55	44	YC4D80Z-D20	12.8	1800	1000	1300	830
LRYC70X	63	50.4	70	56	YC4D100Z-D20	15.5	1800	1000	1300	960
LRYC100X	90	72	100	80	YC6B130Z-D20	19.8	2000	1000	1500	1100
LRYC125X	110	88	125	100	YC6B160Z-D20	23.9	2000	1120	1400	1250
LRYC160X	145	116	160	128	YC6B210L-D20	31.7	2200	1000	1600	1350
LRYC195X	175	140	195	156	YC6A245L-D20	41.2	2500	1100	1650	1600
LRYC200X	180	144	200	160	YC6MK265Z-D20	39.5	2800	1150	1700	2100
LRYC285X	255	204	285	228	YC6MK360L-D20	54.3	2800	1150	1700	2200
LRYC340X	310	248	340	272	YC6MK420L-D21	64.3	3000	1150	1800	2800
LRYC390X	355	284	390	312	YC6MJ480L-D21	79.0	3000	1150	1800	3050
LRYC400X	370	296	400	320	YC6MJ500L-D22	82.2	3000	1150	1800	3300
LRYC540X	490	392	540	432	YC6T660L-D21	99.9	3500	1200	1850	4200
LRYC630X	570	456	630	504	YC6TD780-D32	128	4500	1500	2000	4800
LRYC680X	625	500	680	544	YC6TD840-D32	139	4500	1500	2000	5100
LRYC700X	700	560	770	616	YC6TD940-D32	154	4500	1500	2000	5500
LRYC830X	760	608	830	664	YC6TD1020-D32	166	4500	1650	2300	6800
LRYC1800X	1620	1296	1800	1440	YC12VC2170-D33	340	6500	2300	2400	12400

LRC series (60Hz)
LionRock diesel genset powered by Cummins engine



* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRC34X	30	24	34	27.2	4B3.9-G2	6.7	1800	900	1400	750
LRC46X	42	33.6	46	36.8	4BT3.9-G2	9.3	1800	900	1400	780
LRC70X	64	51.2	70	56	4BTA3.9-G2	15.0	1800	900	1400	850
LRC80X	73	58.4	80	64	4BTA3.9-G2	17.0	1800	900	1400	850
LRC98X	85	68	95	76	4BTA3.9-G11	19.6	1800	900	1450	950
LRC120X	105	84	120	96	6BT5.9-G2	29.7	2200	1000	1500	1200
LRC145X	132	105.6	145	116	6BTA5.9-G2	31.0	2300	1050	1550	1250
LRC160X	143	114.4	158	126.4	6BTAA5.9-G2	34.0	2300	1050	1550	1300
LRC180X	165	132	180	144	6BTAA5.9-G12	38.0	2300	1100	1650	1350
LRC205X	185	148	205	164	6CTA8.3-G2	44.0	2500	1100	1650	1650
LRC230X	210	168	230	184	6CTAA8.3-G2	49.0	2500	1100	1650	1650
LRC280X	260	208	280	224	6LTAA8.9-G2	59.0	2600	1100	1650	2000
LRC310X	280	224	310	248	6LTAA8.9-G3	64.0	3400	1200	1900	2650
LRC385X	350	280	385	308	NTA855-G1B	74.0	3400	1200	1900	2800
LRC440X	400	320	440	352	NTA855-G3	87.0	3400	1250	2100	2800
LRC450X	430	344	450	360	6ZTAA13-G2	94.0	3500	1300	2100	3000
LRC485X	440	352	485	388	QSZ13-G2	102	3500	1300	2150	3100
LRC550X	500	400	550	440	QSZ13-G3	105	3500	1300	2150	3200
LRC565X	515	412	565	452	KTA19-G3	111	3500	1450	2100	3750
LRC630X	568	454.4	630	504	KTA19-G4	120	3500	1450	2100	3850
LRC675X	600	480	675	540	KTAA19-G5	140	3700	1550	2200	4100
LRC830X	755	604	830	664	KT38-G	154	4200	1800	2200	6500
LRC950X	860	688	950	760	KTA38-G1	154	4200	1800	2200	6650
LRC1000X	900	720	1000	800	KTA38-G2	204	4300	1800	2350	6800
LRC1130X	1025	820	1130	904	KTA38-G2A	225	4500	2000	2350	7350
LRC1250X	1135	908	1250	1000	KTA38-G4	245	4500	2000	2350	7850
LRC1560X	1400	1120	1560	1248	KTA50-G3	282	5200	2200	2500	9150
LRC1875X	1575	1260	1875	1500	KTA50-G9	330	5400	2200	2500	11050
LRC2300X	2100	1680	2300	1840	QSK60-G10	445	6200	2250	2650	14850
LRC2500X	2250	1800	2500	2000	QSK60-G7	471	6200	2250	2750	14850
LRC2750X	2250	1800	2750	2200	QSK60-G14	485	6400	2250	2750	15000



LRT series (60Hz)
LionRock diesel genset powered by Mitsubishi engine

* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRT6X	5	4	6	4.8	L2E	1.5	1100	550	1050	320
LRT9X	8	6.4	9	7.2	L3E	2.5	1100	550	1050	330
LRT13X	12	9.6	13	10.4	S3L2	3.4	1320	550	1050	400
LRT20X	17.5	14	19.5	15.6	S4L2	5.1	1320	550	1050	420
LRT26X	23	18.4	26	20.8	S4Q2	7.6	1320	550	1050	470
LRT37X	35	28	37.5	30	S4S	10.6	1540	850	1250	540
LRT465X	420	336	465	372	S6B3-PTA	90.0	3300	1500	1700	3250
LRT570X	515	412	570	456	S6A3-PTA	112	3300	1600	1750	3800
LRT600X	540	432	600	480	S6A3-PTAA	117	3300	1600	1850	4000
LRT750X	680	544	750	600	S6R-PTA	141	3800	1700	1950	5200
LRT1090X	990	792	1090	872	S12A2-PTA2	212	4200	1800	2000	6800
LRT1280X	1160	928	1280	1024	S12H-PTA	239	4200	1800	2250	7850
LRT1500X	1350	1080	1500	1200	S12R-PTA	278	4700	2000	2450	9150
LRT1680X	1530	1224	1680	1344	S12R-PTA2	315	4700	2000	2450	10200
LRT1900X	1720	1376	1900	1520	S12R-PTAA2	353	5200	2100	2450	11200
LRT1895X	1835	1468	2020	1616	S16R-PTA	380	6000	2200	2550	12500
LRT2280X	2075	1660	2280	1824	S16R-PTA2	424	6000	2200	2700	12900
LRT2525X	2275	1820	2525	2020	S16R-PTAA2	466	6000	2250	2800	13500



LRD series (60Hz)
LionRock diesel genset powered by Deutz engine

* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRD16MX	15	12	16	12.8	F2M2011	4.1	1500	800	1100	445
LRD25MX	23	18.4	25	20	F3M2011	6.2	1500	800	1100	550
LRD38MX	36	28.8	38	30.4	F4M2011	9.1	1650	800	1150	700
LRD50MX	48	38.4	50	40	BF4M2011	11.1	1650	800	1150	760
LRD16LX	15	12	16	12.8	F2L2011	4.0	1500	800	1100	455
LRD25LX	23	18.4	25	20	F3L2011	6.0	1500	800	1100	510
LRD38LX	36	28.8	38	30.4	F4L2011	8.5	1650	800	1150	610
LRD50LX	48	38.4	50	40	BF4L2011	11.2	1650	800	1150	740
LRD35GX	33	26.4	35	28	F3L912	7.6	1550	800	1100	630
LRD48GX	45	36	48	38.4	F4L912	10.2	1550	800	1100	720
LRD60GX	57	45.6	60	48	F4L914	12.0	1550	800	1100	720
LRD74GX	69	55.2	74	59.2	F6L912	15.8	1850	850	1200	880
LRD85GX	80	64	85	68	BF4L914	17.5	1850	850	1200	900
LRD90GX	85	68	90	72	F6L914	17.8	1850	850	1200	1150
LRD115GX	105	84	115	92	BF6L914	23.8	2000	850	1200	1250
LRD160GX	150	120	160	128	BF6L914C	35.7	2000	850	1350	1350

LRYZ series (60Hz)
 LionRock diesel genset powered by Weichai engine



* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRYZ30X	27	21.6	30	24	WP2.3D30E201	6.5	1500	850	1100	650
LRYZ40X	36	28.8	40	32	WP2.3D41E201	7.8	1500	850	1100	720
LRYZ48X	44	35.2	48	38.4	WP2.3D47E201	9.6	1500	850	1250	800
LRYZ60X	55	44	60	48	WP2.3D58E201	11.4	1500	850	1250	850
LRYZ85X	75	60	85	68	WP4.1D80E201	16.8	2000	1100	1400	1000
LRYZ100X	90	72	100	80	WP4.1D95E201	20.5	2000	1100	1400	1080
LRYZ125X	114	91.2	125	100	WP4.1D115E201	20.8	2000	1100	1400	1150
LRYZ140X	125	100	140	112	WP6D132E201	26.4	2500	1150	1550	1660
LRYZ170X	155	124	170	136	WP6D158E201	31.8	2500	1150	1550	1660
LRYZ200X	185	148	200	160	WP10D200E201	43.6	2500	1150	1650	1900
LRYZ250X	225	180	250	200	WP10D238E201	52.0	2800	1200	1700	1950
LRYZ275X	250	200	275	220	WP10D264E201	58.0	2800	1200	1800	2150
LRYZ420X	380	304	420	336	WP13D385E201	84.0	3500	1300	1850	2850
LRYZ500X	450	360	500	400	WP13D448E201	93.0	3500	1300	1850	2850
LRYZ570X	515	412	570	456	6M26D506E201	98.0	3800	1350	1800	3800
LRYZ650X	590	472	650	520	6M33D572E201	116	3800	1350	1800	3920
LRYZ720X	655	524	720	576	6M33D633E201	127	3900	1450	2250	4800
LRYZ825X	750	600	825	660	12M26D748E201	155	4500	1650	1850	4800
LRYZ880X	800	640	880	704	12M26D792E201	170	4500	1650	1850	4800
LRYZ1000X	900	720	1000	800	12M26D902E201	188	5000	1800	2000	7650
LRYZ1125X	1000	800	1125	900	12M26D1012E201	205	5000	1800	2000	7650
LRYZ1250X	1125	900	1250	1000	12M33D1108E201	241	5000	2000	2450	8850
LRYZ1375X	1250	1000	1375	1100	12M33D1265E201	253	5200	2000	2450	8850
LRYZ1600X	1450	1160	1600	1280	16M33D1430E311	294	5800	2200	2650	10850
LRYZ1800X	1625	1300	1800	1440	16M33D1580E311	332	5800	2200	2650	11100
LRYZ1900X	1735	1388	1900	1520	16M33D1680E311	362	6300	2200	2650	11500
LRYZ2000X	1850	1480	2000	1600	16M33D1785E311	375	6300	2200	2530	11800
LTYZ2200X	2000	1600	2200	1760	12M55D1950E311	408	6500	2300	2600	14700
LRYZ2500X	2250	1800	2500	2000	12M55D2230E311	455	6500	2300	2750	15000
LRYZ2750X	2500	2000	2750	2200	12M55D2420E311	506	6500	2300	2750	15800



LRY series (60Hz)
 LionRock diesel genset powered by Yanmar engine



* Rating table @ 1800rpm, 60Hz, 220/480V, PF=0.8

Genset model	Prime rating		Standby rating		Engine model	Fuel consumption at 100% load Prime rating (L/hr)	Dimension (mm)			Dry weight (kg)
	kVA	kW	kVA	kW			Length (L)	Width (W)	Height (H)	
LRY7.5X	6.5	5.2	7.5	6	3TNM68	2.0	1320	550	1050	320
LRY8.5X	7.5	6	8	6.4	3TNV70	2.2	1320	550	1050	345
LRY11X	10	8	11	8.8	3TNV76	3.0	1320	550	1050	345
LRY14X	12.5	10	14	11.2	3TNV82A	3.5	1320	550	1050	350
LRY16X	15.5	12.4	16	12.8	3TNV88	4.2	1320	550	1050	355
LRY20X	17.5	14	19.5	15.6	3TNV84T	4.7	1320	550	1050	380
LRY22X	21	16.8	22	17.6	4TNV88	5.6	1650	720	1200	395
LRY29X	26	20.8	29	23.2	4TNV84T	7.0	1650	720	1200	395
LRY45X	40	32	45	36	4TNV98	10.8	1650	850	1200	630
LRY55X	49	39.2	54	43.2	4TNV98T	12.4	1650	850	1200	630
LRY65X	60	48	65	52	4TNV106	14.6	1800	850	1350	675
LRY75X	69	55.2	75	60	4TNV106T	16.6	1800	850	1350	705

Projects



Indonesia - TLM

- ▲ LRT2075 and LRP700 LionRock open genset
- ▲ Day fuel tanks of 1000L and 2500L
- ▲ Two bulk storage tank of 21000L



Pakistan - Telenor

- ▲ 85 x LRP22 LionRock genset with enclosure
- ▲ Noise level of 65dBA@1m



Malaysia - Celcom

- ▲ 50 x LRYD33 LionRock genset with enclosure
- ▲ Base fuel tank of 800L
- ▲ Installed in high temperature and humidity areas including mountain, island and rainforest



Australia
- Government of Western Australia

- ⬆ LRP2500 LionRock open genset
- ⬆ Noise level of 80dBA@1m
- ⬆ Heat exchanger remote cooling
- ⬆ Exhaust pipe to roof
- ⬆ Parallel with trigeneration system and mains



Myanmar - Telenor

- ⬆ 2 x LRP1100 LionRock container-type genset
- ⬆ 2 x LRP2200 LionRock container-type genset
- ⬆ Underground fuel tank of 10000L
- ⬆ Day fuel tank of 5000L



Ethiopia - Ethio Telecom

- ⬆ 9 x LRC2250 LionRock container-type genset
- ⬆ Noise level of 85dBA@7m
- ⬆ Automatic control system



Colombia - American Tower

- ⬆ 10 x LRP10.5S LionRock genset with enclosure
- ⬆ Noise level of 70dBA@1m
- ⬆ Base fuel tank of 750L
- ⬆ Integrated ATS



Vietnam - Viettel

- ⬆ 1205 x LRY8.8S LionRock genset with enclosure
- ⬆ Noise level of 65dBA@7m

Uruguay - Telefonica

- ⬆ 2 x LRC1100 LionRock open genset
- ⬆ Base fuel tank of 2000L
- ⬆ Monitoring grid with SNMP function
- ⬆ Fuel level sensor



Hong Kong
- A Major HK Telecom Operator

- ⬆ 6 x LRT2535 LionRock open genset
- ⬆ Dual redundant fuel system upgrade
- ⬆ Switchboard and power cable installation
- ⬆ Catalytic converters and mid level exhaust discharge

