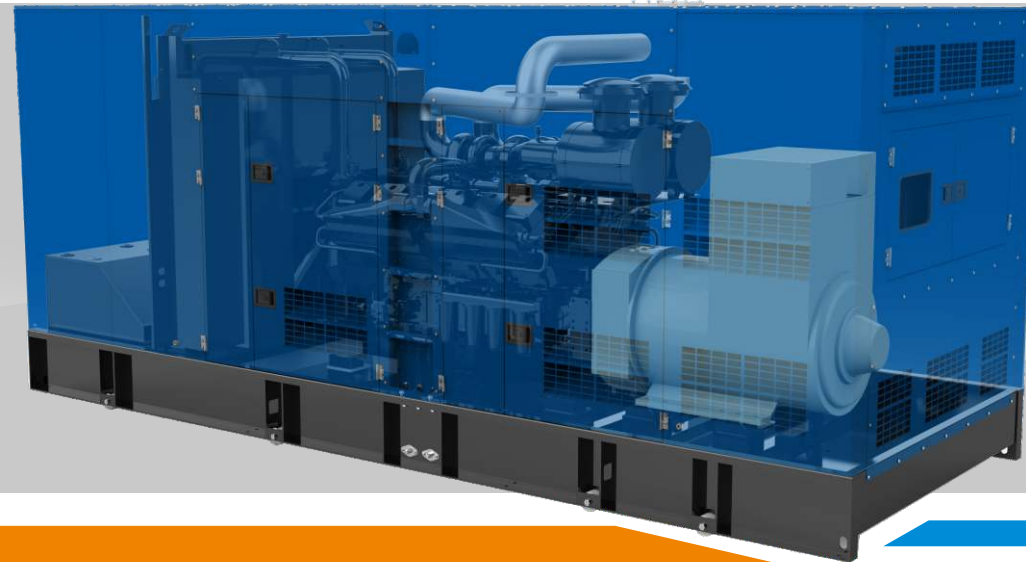




INDUSTRY. ON-SITE RENTAL MARKET

PERFECTING POWER GENERATION

UNIV
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UNIV POWER

ZHEJIANG UNIVERSAL MACHINERY CO.,LTD
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ZHEJIANG UNIVERSAL MACHINERY CO.,LTD

Since 2007



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Brief introduction

ZHEJIANG UNIVERSAL MACHINERY CO.,LTD. specialized in production and sales of diesel generators, super-silent generator, REEFER CONTAINER generator, mobile light tower, construction machine, and the development of new products. "strict management, brave innovation, customer satisfaction and strive for the brand." is our manufacturing principle. Through the improvement of the production process, we have accumulated rich experience in design, manufacture and debugging, ensuring reliable and steady performance of our products. Till nowadays we developed agent in main countries all over the world like USA, CANADA, AUSTRALIA, FRANCE, INDONESIA, NIGERIA, VENEZUELA, PHILIPPINES, MALAYSIA ETC. Offering UNIV power system equipment and high-quality service to over 185 contries.

Our factory area occupied 45,000 square meters, Has a beautiful, clean and tidy environment. With annual production 7,000 units. Generator power ranges from 5kva to 3750kva. According to the functions, we offer common type (standard), automation, trailers, Van, low noise, and other series. We can design and manufacture the special specification and models in accordance with the customers' requirements. We would be a reliable partner in this field.





STANDARD

50HZ					PERKINS Series	
					10KVA-2500KVA	
Model	Prime		Dimension	Engine		
	kw	kva	L*W*H (mm)			
UGY10PS	8	10	1485*700*1000	403D-11G		
UGY13PS	10	13	1670*780*950	403D-15G		
UGY15PS	12	15	1670*780*950	403A-15G2		
UGY20PS	16	20	1800*780*1060	404D-22G		
UGY30PS	24	30	2280*900*1230	1103A-33G		
UGY45PS	36	45	2280*900*1230	1103A-33TG1		
UGY60PS	48	60	2280*900*1230	1103A-33TG2		
UGY65PS	52	65	2500*1050*1500	1104A-44TG1		
UGY80PS	64	80	2500*1050*1500	1104A-44TG2		
UGY100PS	80	100	2500*1050*1500	1104C-44TAG2		
UGY135PS	108	135	2900*1130*1600	1106A-70TG1		
UGY150PS	120	150	2900*1130*1600	1106A-70TAG2		
UGY180PS	144	180	2900*1130*1600	1106A-70TAG3		
UGY200PS	160	200	3200*1130*1600	1106A-70TAG4		
UGY230PS	185	230	3500*1130*1700	1506A-E88TAG2		
UGY250PS	200	250	3500*1130*1700	1206A-E70TTAG3		
UGY250PS	200	250	3700*1130*1800	1506A-E88TAG3		
UGY300PS	240	300	3700*1130*1800	1506A-E88TAG5		
UGY350PS	280	350	3950*1400*1900	2206C-E13TAG2		
UGY400PS	320	400	3950*1400*1900	2206C-E13TAG3		
UGY455PS	364	455	4800*1600*2460	2506C-E15TAG1		
UGY500PS	400	500	4800*1600*2460	2506C-E15TAG2		
UGY650PS	520	650	4800*1600*2460	2806A-E18TAG2		
UGY600PS	480	600	5200*1800*2460	2806C-E18TAG1A		
UGY710PS	570	710	5200*1800*2460	2806A-E18TTAG4		
UGY770PS	620	770	5200*1800*2460	2806A-E18TTAG5		
UGY750PS	600	750	5200*1800*2460	4006-23TAG2A		
UGY800PS	640	800	5200*1800*2460	4006-23TAG3A		
UGY900PS	720	900	5850*2200*2500	4008TAG1A		
UGY1000PS	800	1000	5850*2200*2500	4008TAG2A		
UGY1120PS	900	1120	5850*2200*2500	4008-30TAG3		
UGY1250PS	1000	1250	6700*2240*2500	4012-46TWG2A		
UGY1500PS	1200	1500	6700*2240*2500	4012-46TAG2A		
UGY1700PS	1368	1700	6700*2240*2500	4012-46TAG3A		
UGY1850PS	1480	1850	12300*2350*2700	4016TAG1A		
UGY2000PS	1600	2000	12300*2350*2700	4016TAG2A		
UGY2250PS	1800	2250	12300*2350*2700	4016-61TRG3		
UGY2500PS	2000	2500	12300*2350*2700	4016-61TRG3X		



STANDARD

60HZ							PERKINS Series	
							12KVA-1850KVA	
Model	Prime		Standby		Dimension	Engine		
	kw	kva	kw	kva	L*W*H (mm)			
UGY12.5PS	9	11.3	10	12.5	1485*700*1000	403D-11G		
UGY16PS	12	16	13	16	1670*780*950	403D-15G		
UGY20PS	14	17	16	20	1670*780*950	403A-15G2		
UGY28PS	20	25	22	28	1800*780*1060	404D-22G		
UGY40PS	28	35	30	40	2280*900*1230	1103A-33G		
UGY55PS	40	50	44	55	2280*900*1230	1103A-33TG1		
UGY75PS	54	67.5	60	75	2280*900*1230	1103A-33TG2		
UGY80PS	60	75	65	80	2500*1050*1500	1104A-44TG1		
UGY100PS	75	94	80	100	2500*1050*1500	1104A-44TG2		
UGY125PS	90	112	100	125	2700*1050*1500	1104C-44TAG2		
UGY165PS	120	150	132	165	2900*1130*1600	1106A-70TG1		
UGY190PS	135	170	150	190	3200*1130*1600	1106A-70TAG2		
UGY220PS	160	200	176	220	3200*1130*1600	1106A-70TAG3		
UGY250PS	180	225	200	250	3200*1130*1600	1106D-E70TAG5		
UGY275PS	200	250	220	275	3700*1130*1800	1506A-E88TAG2		
UGY315PS	230	287.5	252	315	3700*1300*1800	1506A-E88TAG3		
UGY400PS	280	350	320	400	3700*1300*1800	1506A-E88TAG5		
UGY440PS	320	400	352	440	4200*1400*2150	2206C-E13TAG2		
UGY550PS	400	500	440	550	4500*1600*2150	2506C-E15TAG1		
UGY625PS	455	568	500	625	4800*1600*2460	2506C-E15TAG3		
UGY690PS	500	625	550	690	4800*1600*2460	2506C-E15TAG4		
UGY750PS	550	687	600	750	4800*1600*2460	2806C-E18TAG3		
UGY825PS	600	750	660	825	5600*2200*2500	4006-23TAG2A		
UGY825PS	650	812.5	700	825	5200*1800*2460	2806C-E18TTAG6		
UGY940PS	680	850	750	940	5850*2200*2500	2806C-E18TTAG7		
UGY940PS	680	850	750	940	5600*2200*2500	4006-23TAG3A		
UGY1100PS	800	1000	880	1100	5850*2200*2500	4008TAG2		
UGY1375PS	1000	1250	1100	1375	6700*2240*2500	4012-46TWG2A		
UGY1650PS	1200	1500	1320	1650	12300*2350*2700	4012-46TAG2A		
UGY1850PS	1350	1700	1480	1850	12300*2350*2700	4012-46TAG3A		



STANDARD

50HZ					CUMMINS Series	
					28KVA-1690KVA	
Model	Prime		Dimension	Engine		
	kw	kva	L*W*H (mm)			
UGY28KS	22	28	2280*900*1230	4B3.9-G1		
UGY30KS	25	30	2280*900*1230	4B3.9-G12		
UGY40KS	32	40	2280*900*1230	4BT3.9-G1		
UGY40KS	32	40	2280*900*1230	4BT3.9-G2		
UGY60KS	48	60	2500*1050*1500	4BTA3.9-G2		
UGY80KS	64	80	2500*1050*1500	4BTA3.9-G11		
UGY100KS	80	100	2900*1130*1600	6BT5.9-G1		
UGY100KS	80	100	2900*1130*1600	6BT5.9-G2		
UGY110KS	90	110	2900*1130*1600	6BTA5.9-G2		
UGY125KS	100	125	2900*1130*1600	6BTAA5.9-G2		
UGY150KS	120	150	3200*1130*1600	6BTAA5.9-G12		
UGY180KS	145	180	3200*1130*1600	6CTA8.3-G1		
UGY180KS	145	180	3200*1130*1600	6CTA8.3-G2		
UGY200KS	160	200	3500*1130*1700	6CTAA8.3-G2		
UGY250KS	200	250	3500*1130*1700	6LTAA8.9-G2		
UGY275KS	220	275	3700*1130*1800	6LTAA8.9-G3		
UGY320KS	256	320	3950*1400*1900	6LTAA9.5-G1		
UGY390KS	310	390	4500*1600*2150	6ZTAA13-G3		
UGY440KS	350	440	4500*1600*2150	6ZTAA13-G2		
UGY440KS	350	440	4500*1600*2150	6ZTAA13-G4		
UGY475KS	380	475	4500*1600*2150	QSZ13-G3		
UGY500KS	400	500	4500*1600*2150	QSZ13-G10		
UGY275KS	220	275	4200*1400*2150	NTA855-G1A		
UGY313KS	250	313	4200*1400*2150	NTA855-G1B		
UGY345KS	275	345	4200*1400*2150	NTA855-G2A		
UGY375KS	300	375	4200*1400*2150	NTAA855-G7		
UGY400KS	320	400	4200*1400*2150	NTAA855-G7A		
UGY450KS	360	450	4800*1600*2460	KTA19-G3		
UGY500KS	400	500	4800*1600*2460	KTA19-G3A		
UGY525KS	420	525	4800*1600*2460	KTAA19-G5		
UGY575KS	460	575	4800*1600*2460	KTAA19-G6		
UGY625KS	500	625	5200*1800*2460	KTAA19-G6A		
UGY725KS	580	725	5850*2200*2500	KT38-GA		
UGY750KS	600	750	5850*2200*2500	KTA38-G2		
UGY800KS	640	800	5850*2200*2500	KTA38-G2B		
UGY910KS	728	910	5850*2200*2500	KTA38-G2A		
UGY1000KS	800	1000	5850*2200*2500	KTA38-G5		
UGY1125KS	900	1125	5850*2200*2500	KTA38-G9		
UGY1250KS	1000	1250	6700*2240*2500	KTA50-G3		
UGY1375KS	1100	1375	6700*2240*2500	KTA50-G8		
UGY1475KS	1180	1475	6700*2240*2500	KTA50-GS8		
UGY1690KS	1350	1690	12300*2350*2700	KTA50-G15X		



STANDARD

60HZ							CUMMINS Series	
							35KVA-1875KVA	
Model	Prime		Standby		Dimension	Engine		
	kw	kva	kw	kva	L*W*H (mm)			
UGY35KS	24	30	28	35	2280*900*1230	4B3.9-G2		
UGY50KS	36	45	40	50	2280*900*1230	4BT3.9-G2		
UGY75KS	55	68	60	75	2500*1050*1500	4BTA3.9-G2		
UGY100KS	70	87.5	80	100	2500*1050*1500	4BTA3.9-G11		
UGY125KS	90	112.5	100	125	2900*1130*1600	6BT5.9-G2		
UGY138KS	100	125	110	138	2900*1130*1600	6BT5.9-G2		
UGY150KS	100	125	120	150	2900*1130*1600	6BTA5.9-G2		
UGY165KS	120	150	132	165	2900*1130*1600	6BTAA5.9-G2		
UGY190KS	130	162.5	150	190	3200*1130*1600	6BTAA5.9-G12		
UGY225KS	160	200	180	225	3200*1130*1600	6CTA8.3-G2		
UGY250KS	175	220	200	250	3200*1130*1600	6CTAA8.3-G2		
UGY285KS	208	260	228	285	3500*1130*1700	6LTAA8.9-G2		
UGY315KS	226	283	250	315	3700*1300*1800	6LTAA8.9-G3		
UGY350KS	256	320	280	350	3850*1400*1900	6LTAA9.5-G1		
UGY475KS	350	437.5	380	475	4500*1600*2150	6ZTAA13-G2		
UGY500KS	380	475	400	500	4500*1600*2150	QSZ13-G3		
UGY625KS	450	562.5	500	625	4500*1600*2150	QSZ13-G11		
UGY345KS	250	312.5	275	345	4200*1400*2150	NTA855-G1		
UGY375KS	275	343.75	300	375	4200*1400*2150	NTA855-G1B		
UGY440KS	315	393.75	350	440	4200*1400*2150	NTA855-G3		
UGY480KS	350	437.5	385	480	4800*1600*2460	KTA19-G2		
UGY560KS	410	512.5	451	560	4800*1600*2460	KTA19-G3		
UGY625KS	450	562.5	500	625	4800*1600*2460	KTA19-G3A		
UGY750KS	550	687.5	600	750	5200*1800*2460	KTAA19-G6A		
UGY850KS	620	775	680	850	5850*2200*2500	KT38-G		
UGY960KS	700	875	770	960	5850*2200*2500	KTA38-G1		
UGY1000KS	720	900	800	1000	5850*2200*2500	KTA38-G2		
UGY1125KS	800	1000	900	1125	5850*2200*2500	KTA38-G2A		
UGY1250KS	900	1125	1000	1250	5850*2200*2500	KTA38-G4		
UGY1375KS	1000	1250	1100	1375	5850*2200*2500	KTA38-G9		
UGY1510KS	1100	1375	1260	1510	6700*2240*2500	KTA50-G3		
UGY1875KS	1260	1575	1500	1875	6700*2240*2500	KTA50-G9		

50HZ

BAUDOUIN Series
18KVA-2000KVA

Model	Prime		Dimension	Engine
	kw	kva		
UGY18BK	15	18	1670*780*950	4M06G20/5
UGY23BK	18	23	2000*850*1060	4M06G25/5
UGY32BK	26	32	2000*850*1060	4M06G35/5
UGY40BK	32	40	2200*850*1060	4M06G44/5
UGY45BK	36	45	2280*900*1230	4M06G50/5
UGY50BK	40	50	2280*900*1230	4M06G55/5
UGY65BK	52	65	2500*1050*1500	4M10G70/5
UGY80BK	64	80	2500*1050*1500	4M10G88/5
UGY100BK	80	100	2900*1130*1600	4M10G110/5
UGY110BK	90	110	2900*1130*1600	4M10G125/5^
UGY135BK	108	135	2900*1130*1600	6M11G150/5
UGY150BK	120	150	3200*1130*1600	6M11G165/5
UGY162BK	130	162	3200*1130*1600	6M11G188/5
UGY200BK	160	200	3200*1130*1600	6M16G220/5
UGY230BK	184	230	3500*1130*1700	6M16G250/5
UGY250BK	200	250	3700*1130*1800	6M16G275/5
UGY275BK	220	275	3700*1300*1800	6M16G300/5
UGY320BK	256	320	3950*1400*1900	6M16G350/5
UGY350BK	280	350	4200*1400*2150	6M21G400/5
UGY400BK	320	400	4500*1600*2150	6M21G440/5
UGY450BK	360	450	4800*1600*2460	6M21G500/5
UGY500BK	400	500	4800*1600*2460	6M21G550/5
UGY600BK	480	600	5200*1800*2460	6M33G660/5
UGY650BK	520	650	5200*1800*2460	6M33G715/5
UGY680BK	544	680	5850*2200*2500	6M33G750/5
UGY750BK	600	750	5850*2200*2500	6M33G825/5
UGY800BK	640	800	5850*2200*2500	8M33G900/5
UGY900BK	720	900	5850*2200*2500	8M33G1000/5^
UGY1000BK	800	1000	5850*2200*2500	8M33G1100/5
UGY1150BK	920	1150	6700*2240*2500	12M33G1250/5
UGY1250BK	1000	1250	6700*2240*2500	12M33G1400/5
UGY1375BK	1100	1375	7100*2240*2500	12M33G1500/5
UGY1500BK	1200	1500	7100*2240*2500	12M33G1650/5
UGY1750BK	1400	1750	12300*2350*2700	16M33G1900/5
UGY1875BK	1500	1875	12300*2350*2700	16M33G2000/5
UGY2000BK	1600	2000	12300*2350*2700	16M33G2250/5^

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60HZ

BAUDOUIN Series
25KVA-2187KVA

Model	Prime		Standby		Dimension	Engine
	kw	kva	kw	kva		
UGY25BK	18	23	20	25	1800*780*1060	4M06G20/6
UGY32BK	23	29	25	32	2000*850*1060	4M06G25/6
UGY40BK	30	38	33	40	2200*850*1060	4M06G33/6
UGY50BK	37	47	41	50	2200*850*1060	4M06G41/6
UGY60BK	45	56	50	60	2280*900*1230	4M06G50/6
UGY70BK	50	63	55	70	2500*1050*1500	4M06G55/6
UGY100BK	75	94	80	100	2500*1050*1500	4M10G83/6
UGY125BK	90	112	100	125	2900*1130*1600	4M10G105/6
UGY170BK	120	150	135	170	2900*1130*1600	6M11G135/6
UGY200BK	145	181	160	200	2900*1130*1600	6M11G160/6
UGY220BK	160	200	176	220	3200*1130*1600	6M11G176/6
UGY250BK	180	225	200	250	3200*1130*1600	6M16G200/6
UGY275BK	200	250	220	275	3500*1130*1700	6M16G220/6
UGY310BK	227	285	250	310	3500*1130*1700	6M16G250/6
UGY385BK	280	350	308	385	3700*1300*1800	6M16G308/6
UGY410BK	300	375	330	410	3700*1300*1800	6M21G330/6
UGY490BK	350	438	390	490	3950*1400*1900	6M21G390/6
UGY500BK	360	455	400	500	4200*1400*2150	6M21G400/6
UGY575BK	400	500	460	575	4500*1600*2150	6M21G460/6
UGY720BK	520	650	575	720	4800*1600*2460	6M33G575/6
UGY750BK	550	688	600	750	4800*1600*2460	6M33G600/6
UGY790BK	575	719	633	790	4800*1600*2460	6M33G633/6
UGY825BK	600	750	660	825	4800*1600*2460	6M33G660/6
UGY960BK	700	875	770	960	5200*1800*2460	8M33G770/6
UGY1000BK	720	900	800	1,000	5200*1800*2460	8M33G800/6
UGY1125BK	800	1,000	900	1,125	5850*2200*2500	8M33G900/6
UGY1250BK	910	1,138	1,000	1,250	5850*2200*2500	12M26G1000/6
UGY1375BK	1,000	1,250	1,100	1,375	6700*2240*2500	12M33G1100/6
UGY1500BK	1,092	1,365	1,200	1,500	6700*2240*2500	12M33G1200/6
UGY1625BK	1,176	1,470	1,300	1,625	7100*2240*2500	12M33G1300/6
UGY2060BK	1,500	1,875	1,650	2,060	12300*2350*2700	16M33G1650/6
UGY2187BK	1,590	1,987	1,750	2,187	12300*2350*2700	16M33G1750/6

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STANDARD

50HzVOLVO PENTA Series200KVA-590KVA				
Model	Prime		Dimension	Engine
	kw	kva	L*W*H (mm)	
UGY200VS	160	200	3500*1130*1700	TAD840GE-B
UGY250VS	200	250	3500*1130*1700	TAD841GE
UGY300VS	240	300	3700*1130*1800	TAD842GE
UGY325VS	260	325	3700*1130*1800	TAD843GE
UGY315VS	252	315	3950*1400*2100	TAD1341GE-B
UGY350VS	280	350	3950*1400*2100	TAD1342GE-B
UGY375VS	300	375	4200*1400*2150	TAD1343GE-B
UGY410VS	328	410	4200*1400*2150	TAD1344GE-B
UGY450VS	360	450	4200*1400*2150	TAD1345GE-B
UGY500VS	400	500	4200*1400*2150	TAD1346GE
UGY500VS	400	500	4500*1600*2150	TAD1641GE-B
UGY590VS	472	590	4500*1600*2150	TAD1642GE-B

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60HzFAW Series19KVA-400KVA					
Model	Prime		Stb		Engine
	kw	kva	kw	kva	L*W*H (mm)
UGY245VS	178	223	196	245	3500*1300*1900
UGY280VS	207	259	228	280	3500*1130*1700
UGY330VS	243	304	267	330	3500*1130*1700
UGY350VS	254	318	279	350	3700*1300*1800
UGY370VS	273	341	300	370	3950*1400*2100
UGY440VS	321	401	353	440	4200*1400*2150
UGY450VS	328	410	361	450	4200*1400*2150
UGY500VS	364	455	400	500	4200*1400*2150
UGY500VS	368	460	405	500	4200*1400*2150
UGY560VS	409	511	450	560	4200*1400*2150
UGY630VS	456	570	502	630	4200*1400*2150
UGY690VS	500	625	550	690	4800*1600*2460
UGY750VS	547	684	602	750	5200*1800*2460
UGY800VS	582	728	640	800	5200*1800*2460

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STANDARD

50HzFAW Series15KVA-375KVA				
Model	Prime		Dimension	Engine
	kw	kva	L*W*H (mm)	
UGY15XK	12	15	1670*780*950	4DW81-23D
UGY20XK	16	20	1670*780*950	4DW91-29D
UGY25XK	20	25	2000*850*1060	4DW92-35D
UGY30XK	24	30	2000*850*1060	4DX93-42D
UGY30XK	24	30	2000*850*1060	4DW92-39D
UGY40XK	32	40	2280*900*1230	4DX21-53D
UGY50XK	40	50	2280*900*1230	4DX22-65D
UGY60XK	50	60	2280*900*1230	4DX23-78D
UGY70XK	54	70	2900*1130*1600	4110/125-09D
UGY90XK	72	90	2900*1130*1600	CA4DF2-12D
UGY100XK	80	100	2900*1130*1600	CA6DF2D-14D
UGY125XK	100	125	3200*1130*1600	CA6DF2-17D
UGY150XK	120	150	3200*1130*1600	CA6DF2-19D
UGY190XK	150	190	3200*1130*1600	CA6DL1-24D
UGY225XK	180	225	3500*1130*1700	CA6DL2-27D
UGY250XK	200	250	3500*1130*1700	CA6DL2-30
UGY313XK	250	313	3700*1300*1800	CA6DM2J-39D
UGY340XK	270	340	4200*1400*2150	CA6DM2J-41D
UGY375XK	300	375	4200*1400*2150	CA6DM3J-48D
UGY450XK	360	450	4200*1400*2150	CA6DM3-46DG32
UGY500XK	400	500	4500*1600*2150	CA6DM3-46DG33
UGY625XK	500	625	4800*1600*2460	CA6DX3-77DG31

60HzFAW Series20KVA-440KVA					
Model	Prime		Standby		Engine
	kw	kva	kw	kva	L*W*H (mm)
UGY20XK	15	19	17	20	1670*780*950
UGY30XK	22	27.5	24	30	1670*780*950
UGY35XK	25	31	28	35	2200*850*1060
UGY40XK	30	37.5	33	40	2200*850*1060
UGY50XK	35	44	39	50	2280*900*1230
UGY60XK	45	56.3	50	60	2500*1050*1500
UGY70XK	50	62.5	55	70	2500*1050*1500
UGY80XK	56	70	62	80	2900*1130*1600
UGY90XK	64	80	70	90	2900*1130*1600
UGY115XK	85	106	92	115	2900*1130*1600
UGY140XK	100	125	110	140	3200*1130*1600
UGY150XK	110	137.5	120	150	3200*1130*1600
UGY180XK	130	162.5	145	180	3200*1130*1600
UGY230XK	170	210	187	230	3700*1300*1800
UGY275XK	200	250	220	275	3700*1300*1800
UGY375XK	270	337.5	300	375	4200*1400*2150
UGY440XK	320	400	352	440	4200*1400*2150

50_{Hz}

Model	Prime		Dimension	Engine
	kw	kva	L*W*H (mm)	
UGY25YCD	20	25	2000*850*1060	YCV2.5N35-G20
UGY30YCD	24	30	2100*850*1060	YCV2.5T45-G20
UGY40YCD	32	40	2100*850*1060	YCV2.5T55-G20
UGY45YCD	36	45	2280*900*1230	YCD4.2N60-G20
UGY70YCD	54	70	2500*1050*1500	YCD4.2T90-G20
UGY80YCD	64	80	2500*1050*1500	YCA4.8T100-G20
UGY90YCD	70	90	2700*1130*1600	YCA4.8T110-G20
UGY110YCD	90	110	2900*1130*1600	YCA4.8TAA140-G20
UGY135YCD	108	135	2900*1130*1600	YCA4.8TAA180-G20
UGY150YCD	120	150	2900*1130*1600	YCB6.9TAA205-G20
UGY190YCD	150	190	2900*1130*1600	YCA7.3TAA245-G20
UGY210YCD	170	210	2900*1130*1600	YCQ7.5260-G30
UGY250YCD	200	250	3500*1130*1700	YCMK10TAA350-G20
UGY310YCD	250	310	3700*1300*1800	YCMK10TAA420-G20
UGY375YCD	300	375	3950*1400*2100	YCMJ12TAA500-G20
UGY400YCD	320	400	4200*1400*2150	YCMJ12540-G30
UGY450YCD	360	450	4500*1600*2150	YCT16TAA600-G20
UGY500YCD	400	500	4800*1600*2460	YCT16TAA660-G20
UGY500YCD	400	500	4800*1600*2460	YCT16660-G31
UGY600YCD	480	600	5200*1800*2460	YCTD20780-G31
UGY625YCD	500	625	5200*1800*2460	YCTD20840-G31
UGY700YCD	560	700	5200*1800*2460	YCTD20900-G31
UGY750YCD	600	750	5850*2200*2500	YCTD201000-G30
UGY800YCD	640	800	5850*2200*2500	YCTH281070-G31
UGY900YCD	720	900	5850*2200*2500	YCTH281220-G31
UGY1000YCD	800	1000	6250*2240*2500	YCTH281320-G31
UGY1000YCD	800	1000	6700*2240*2500	YCC401320-G31
UGY1125YCD	900	1125	6700*2240*2500	YCC401520-G31
UGY1125YCD	900	1125	6700*2240*2500	YCTD40TA1500-G30
UGY1250YCD	1000	1250	7100*2240*2500	YCTD40TA1680-G30
UGY1375YCD	1100	1375	7100*2240*2500	YCTD40TA1830-G30
UGY1500YCD	1200	1500	ISO 40HQ	YCTD40TA2000-G30
UGY1700YCD	1360	1700	ISO 40HQ	YCTD52TA2270-G30
UGY1875YCD	1500	1875	ISO 40HQ	YCTD52TA2510-G30
UGY2000YCD	1600	2000	ISO 40HQ	YCTD52TA2700-G30
UGY2250YCD	1800	2250	ISO 40HQ	YCC105TA3000-G31
UGY2500YCD	2000	2500	ISO 40HQ	YCC105TA3300-G31
UGY2750YCD	2200	2750	ISO 40HQ	YCC105TA3600-G31
UGY3000YCD	2400	3000	ISO 40HQ	YCC105TA4000-G31
UGY3250YCD	2600	3250	ISO 40HQ	YCC105TA4200-G30
UGY3500YCD	2800	3500	ISO 40HQ	YCC105TA4500-G30
UGY3750YCD	3000	3750	ISO 40HQ	YCC105TA4900-G30

60_{Hz}

Model	Prime		Standby		Dimension	Engine
	kw	kva	kw	kva	L*W*H (mm)	
UGY25YCK	20	25	22	25	2000*850*1060	YCV2.5N35-G21
UGY30YCK	24	30	26	30	2100*850*1060	YCV2.5T45-G21
UGY45YCK	32	40	35	45	2200*850*1060	YCV2.5T55-G21
UGY55YCK	40	50	44	55	2280*900*1230	YCD4.2N65-G21
UGY65YCK	48	60	53	65	2500*1050*1500	YCD4.2T80-G21
UGY80YCK	60	75	66	80	2500*1050*1500	YCD4.2T100-G21
UGY110YCK	80	100	88	110	2900*1130*1600	YCB6.9T130-G21
UGY130YCK	96	120	106	130	2900*1130*1600	YCB6.9T160-G21
UGY165YCK	120	150	132	165	2900*1130*1600	YCB6.9TAA210-G21
UGY200YCK	150	187.5	165	200	2900*1130*1600	YCA7.3TAA245-G21
UGY240YCK	170	212.5	190	240	3700*1300*1800	YCMK10TAA285-G21
UGY300YCK	220	275	240	300	3700*1300*1800	YCMK10TAA360-G21
UGY350YCK	250	312.5	280	350	3950*1400*2100	YCMK10TAA420-G21
UGY425YCK	310	387.5	340	425	4200*1400*2150	YCMJ12TAA515-G21
UGY440YCK	320	400	352	440	4200*1400*2150	YCMJ12540-G33
UGY495YCK	360	450	396	495	4500*1600*2150	YCT16TAA600-G21
UGY550YCK	400	500	440	550	4800*1600*2460	YCT16TAA660-G21
UGY625YCK	460	575	500	625	5200*1800*2460	YCTD20780-G33
UGY690YCK	500	625	550	690	5200*1800*2460	YCTD20840-G33
UGY770YCK	560	700	616	770	5850*2200*2500	YCTD20940-G32
UGY825YCK	600	750	660	825	5850*2200*2500	YCTD201020-G32
UGY880YCK	640	800	704	880	5850*2200*2500	YCTH281070-G33
UGY990YCK	720	900	792	990	5850*2200*2500	YCTH281220-G33
UGY1100YCK	800	1000	880	1100	5850*2200*2500	YCTH281350-G33
UGY1100YCK	800	1000	880	1100	6700*2240*2500	YCTD40TA1350-G32
UGY1240YCK	900	1125	990	1240	6700*2240*2500	YCTD40TA1500-G32
UGY1400YCK	1000	1250	1100	1400	6700*2240*2500	YCTD40TA1680-G32
UGY1500YCK	1100	1375	1200	1500	7100*2240*2500	YCTD40TA1860-G32
UGY1650YCK	1200	1500	1320	1650	ISO 40HQ	YCTD40TA2070-G32
UGY1880YCK	1368	1710	1505	1880	ISO 40HQ	YCTD52TA2270-G32
UGY2060YCK	1500	1875	1650	2060	ISO 40HQ	YCTD52TA2510-G32
UGY2200YCK	1600	2000	1760	2200	ISO 40HQ	YCTD52TA2700-G32



STANDARD

50HZ		MTU Series 1000KVA-2400KVA		
Model	Prime		Dimension	Engine
	kw	kva	L*W*H (mm)	
UGY1250MS	1000	1250	ISO 40HQ	12V4000G23R
UGY1640MS	1312	1640	ISO 40HQ	12V4000G23
UGY1850MS	1480	1850	ISO 40HQ	12V4000G63
UGY2050MS	1640	2050	ISO 40HQ	16V4000G23
UGY2250MS	1800	2250	ISO 40HQ	16V4000G63
UGY2500MS	2000	2500	ISO 40HQ	20V4000G23
UGY2750MS	2200	2750	ISO 40HQ	20V4000G63
UGY3000MS	2400	3000	ISO 40HQ	20V4000G63L

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60HZ		MTU Series 1360KVA-2700KVA				
Model	Prime		Stb		Dimension	Engine
	kw	kva	kw	kva	L*W*H (mm)	
UGY1875MS	1360	1700	1500	1875	ISO 40HQ	12V 4000 G43S
UGY2150MS	1560	1950	1720	2150	ISO 40HQ	12V 4000 G83S
UGY2500MS	1818	2272.5	2000	2500	ISO 40HQ	16V 4000 G43S
UGY2800MS	2050	2562.5	2250	2800	ISO 40HQ	16V 4000 G83S
UGY3080MS	2240	2800	2464	3080	ISO 40HQ	20V 4000 G43S
UGY3380MS	2460	3075	2706	3380	ISO 40HQ	20V 4000 G83S
UGY3700MS	2700	3375	2970	3700	ISO 40HQ	20V 4000 G83LS

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STANDARD

50HZ		SEM Series 635KVA-2250KVA		
Model	Prime		Dimension	Engine
	kw	kva	L*W*H (mm)	
UGY635LZD	508	635	4800*1600*2460	S6R2-PTA-C
UGY750LZD	600	750	4800*1600*2460	S6R2-PTAA-C
UGY1250LZD	1000	1250	6700*2240*2500	S12R-PTA-C
UGY1375LZD	1100	1375	12300*2350*2400	S12R-PTA2-C
UGY1500LZD	1200	1500	12300*2350*2400	S12R-PTAA2-C
UGY1740LZD	1392	1740	12300*2350*2400	S16R-PTA-C
UGY1875LZD	1500	1875	15000*2500*2700	S16R-PTA2-C
UGY2050LZD	1640	2050	15000*2500*2700	S16R-PTAA2-C
UGY2250LZD	1800	2250	15000*2500*2700	S16R2-PTAW-C

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HIGH EMISSION STANDARD



▲ ENGINES EU V/ EPA T4 Standard

ISO8528-5:2005 +UPDATE

EU V/ EPA T4 ENGINE

To reach these high standards, a range of EU V/ EPAT4 Final engines. The units range up to 715 kVA using constructive solutions and different setups depending on the size.

LOW ACOUSTIC AND CO₂ EMISSIONS

All generators manufactured comply with the latest North American standards for noise and emissions, for acoustic emissions and have high heat exchange performance.

STANDARD OR CUSTOMIZED: MAKE YOUR CHOICE

All generators manufactured comply with the latest North American standards for noise and emissions, for acoustic emissions and have high heat exchange performance.



Efficient Operation

Fuel efficiency design of the engine combustion chamber with high-ring pistons helps reduce fuel consumption.

 Low-Idle Capability

Fuel efficiency design of the engine combustion chamber with high-ring pistons helps reduce fuel consumption.

Low Life Cycle Cost

Reliable operation, low maintenance, long engine life, and exceptional fluid economy lead to low cost of operation.



Long-haul Durability

Heavy-duty, oversized components and wet-type cylinder liners provide long engine life. Selected John Deere and Kubota engines are designed for rugged applications.



Emissions Reduction

Adopted engine exhaust gases in the SCR catalyst to reduce NOx -converting it to nitrogen and water vapor.



Easy Integration

EPA Tier 4 Final, meeting the emission standards of North American diesel generator.

 Day-to-day Reliability

With robust engines feature top-liner cooling,efficient lubrication,and robust cooling systems for reliable operation.

Extreme Conditions

Units are built to operate in hot and dry,subzero,and humid climates as well as high altitudes.The engine control unit (ECU) monitors and protects engine components in these extreme conditions.



HIGH EMISSION STANDARD SERIES

60_{HZ}

PERKINS Series
12KVA-625KVA

Model	Prime		Standby		Dimension	Engine	Emission
	kw	kva	kw	kva	L*W*H (mm)		EPA
UGY12.5PS	9	11.3	10	12.5	1485*700*1000	403D-11G	T3
UGY16PS	12	16	13	16	1670*780*950	403D-15G	T3
UGY28PS	20	25	22	28	1800*780*1060	404D-22G	T3
UGY35PS	26	33	28	35	2000*850*1060	404D-22TG	T3
UGY70PS	52	65	58	70	2500*1050*1500	1104D-44TG1	T3
UGY75PS	54.5	68.2	60	75	2500*1050*1500	1104D-E44TG1	T3
UGY100PS	72.7	91	80	100	2500*1050*1500	1104D-E44TAG1	T3
UGY125PS	90	112	100	125	2700*1050*1500	1104D-E44TAG2	T3
UGY180PS	130	162	144	180	2900*1130*1600	1106D-E70TAG2	T3
UGY190PS	140	175	150	190	3200*1130*1600	1106D-E70TAG3	T3
UGY220PS	160	200	176	220	3200*1130*1600	1106D-E70TAG4	T3
UGY440PS	320	400	352	440	4200*1400*2150	2206D-E13TAG2	T3
UGY480PS	350	438	384	480	4200*1400*2150	2206D-E13TAG3	T3
UGY550PS	400	500	440	550	4800*1600*2460	2506D-E15TAG1	T3
UGY12.2PS	9	11	10	12.2	1800*780*1060	403F-11G	T4
UGY125PS	90	112	100	125	2900*1300*1800	1204J-E44TTAG2	T4
UGY190PS	135	170	150	190	3500*1300*1900	1206F-E70TTAG3	T4
UGY220PS	160	200	176	220	3500*1300*1900	1206J-E70TTAG3	T4
UGY250PS	180	225	200	250	3700*1300*2100	1206F-E70TTAG4	T4
UGY450PS	328	410	360	450	4500*1800*2300	2406J-E13TAG3	T4
UGY625PS	455	569	500	625	4800*1800*2600	2806F-E18TAG1	T4



HIGH EMISSION STANDARD SERIES

60HZ		VOLVO PENTA Series 280KVA-770KVA					
Model	Prime		Standby		Dimension	Engine	Emission
	kw	kva	kw	kva			
UGY70KS	50	62.5	56	70	2500*1050*1500	QSF2.8CS	T4
UGY125KS	100	125	120	150	2900*1300*1800	QSF3.8CS	T4



HIGH EMISSION STANDARD SERIES

60HZ		VOLVO PENTA Series 280KVA-770KVA					
Model	Prime		Standby		Dimension	Engine	Emission
	kw	kva	kw	kva			
UGY22.5JS	16	20	18	22.5	1670*780*950	D1703-M-E3BG	T3
UGY30JS	21	26.25	24	30	2000*850*1060	V2203-M-E3BG	T3
UGY40JS	29	36.25	32	40	2100*850*1060	V3300-E3BG	T3
UGY50JS	36	45	40	50	2200*850*1060	V3600-T-E3BG	T3
UGY11JS1	10	10	11	11	1485*700*1000	D1105-E4BG1	T4
UGY12JS1	11	11	12	12	1485*700*1000	D1305-E4BG1	T4
UGY14JS1	13	13	14	14	1670*780*950	V1505-E4BG1	T4



HIGH EMISSION STANDARD SERIES

60HZ		VOLVO PENTA Series 280KVA-770KVA					
Model	Prime		Standby		Dimension	Engine	Emission
	kw	kva	kw	kva			
UGY280VS	207	259	228	280	3500*1130*1700	TAD851GE	T3
UGY320VS	230	288	253	320	3500*1130*1700	TAD852GE	T3
UGY370VS	273	341	300	370	3700*1300*1800	TAD1351GE	T3
UGY440VS	320	400	352	440	3950*1400*2100	TAD1354GE	T3
UGY440VS	323	404	355	440	4200*1400*2150	TAD1355GE	T3
UGY570VS	413	516	454	570	4500*1600*2150	TAD1650GE	T3
UGY640VS	464	580	510	640	4800*1600*2460	TAD1651GE	T3
UGY110VS	80	100	86	110	2900*1300*1800	TAD580VE	T4
UGY135VS	98	123	108	135	2900*1300*1800	TAD581VE	T4
UGY170VS	123	154	135	170	3200*1300*1800	TAD582VE	T4
UGY190VS	140	176	154	190	3500*1300*1900	TAD881VE	T4
UGY220VS	161	201	177	220	3500*1300*1900	TAD882VE	T4
UGY250VS	181	226	198	250	3700*1300*2100	TAD883VE	T4
UGY270VS	200	250	219	270	3700*1300*2100	TAD1181VE	T4
UGY300VS	216	271	238	300	3700*1300*2100	TAD1381VE	T4
UGY330VS	241	301	264	330	4200*1400*2200	TAD1382VE	T4
UGY365VS	266	332	292	365	4500*1800*2300	TAD1383VE	T4
UGY400VS	290	363	319	400	4500*1800*2300	TAD1384VE	T4
UGY430VS	315	393	345	430	4500*1800*2300	TAD1385VE	T4
UGY480VS	350	438	385	480	4800*1800*2600	TAD1671VE	T4
UGY555VS	404	505	444	555	4800*1800*2600	TAD1672VE	T4
UGY700VS	508	635	559	700	4800*1800*2600	TWD1672GE	T4
UGY780VS	570	713	625	780	4500*1800*2300	TWD1673GE	T4
UGY770VS	560	700	616	770	4800*1800*2600	TWD1683GE	T4

FEATURES OF RENTAL STANDARD

Bunder daily fuel tank

A large-capacity fuel tank and containment on bottom of the generator. Even if engine oil or coolant should leak into the interior of the generator, this structure allows it to be collected in the Contaiment at the lower part of the generator to prevent spillage to its exterior enables continuous operation for extended periods without external fuel tanks, for up to approximately 3 days with just a single refueling.

Large Doors &One-Touch Handles

We have adopted large doors for easy daily inspection and maintenance. The doors have one-touch handles, making them smooth to open and close. They are also equipped with a key lock system.

Easy Daily Maintenance

We have adopted a one-side maintenance system to allow daily maintenance on one side, including maintenance of engine oil, batteries, and cooling water, etc.

Easy Cleaning of Radiators

The open/close-type front covers we have adopted make it easy to clean the radiators without removing them.



1. Easy operation

AUTO START & AUTO MAINS FAILURE

LED and LCD alarm indication

Protection function

9 configurable inputs 8 configurable outputs

250 Configurable event log

Power monitoring (kW h, kV Ar, kVA h, kV Ar h)

The modules include USB, RS232 and Rs485
2. Schneider breaker with high class protection

3. Standard configured Earth Leakage Relay ensure safety

4. Panel light for dark surrounding use

5. Mechanical Timer+LCD timer for renal timing

6. Low fuel level alarm buzz reminds fuel supply concern



- 1

Main breaker
- 2

Montroller
- 3

Panel light
- 4

Panel light switch
- 5

Earth leakage relay
- 6

Timer
- 7

Power switch
- 8

Low fuel level

RENTAL STANDARD SERIES

50/60HZ switchable				20KVA-650KVA	
Model	Prime		Dimension	Engine	
	kw	kva		Model	Brand
UGY20PS	16	20	1485*800*1150	Perkins	404D-22G
UGY65PS	52	65	2500*1050*1800	Perkins	1104A-44TG1
UGY80PS	64	80	2500*1050*1800	Perkins	1104A-44TG2
UGY100PS	80	100	2500*1050*1800	Perkins	1104C-44TAG2
UGY135PS	108	135	2900*1130*1900	Perkins	1106A-70TG1
UGY150PS	120	150	3200*1130*2010	Perkins	1106A-70TAG2
UGY200PS	160	200	3500*1130*2090	Perkins	1106A-70TAG4
UGY250PS	200	250	3500*1130*2270	Perkins	1206A-E70TTAG3
UGY300PS	240	300	3700*1300*2380	Perkins	1506A-E88TAG5
UGY350PS	280	350	4200*1400*2470	Perkins	2206C-E13TAG2
UGY400PS	320	400	4500*1600*2500	Perkins	2206C-E13TAG3
UGY500PS	400	500	4800*1600*2500	Perkins	2506C-E15TAG2
UGY600PS	480	600	5200*1600*2500	Perkins	2806C-E18TAG1A
UGY50KS	40	50	2280*900*1630	Cummins	4BTA3.9-G2
UGY80KS	64	80	2500*1050*1750	Cummins	4BTA3.9-G11
UGY100KS	80	100	2900*1130*1800	Cummins	6BT5.9-G2
UGY125KS	100	125	2900*1130*1800	Cummins	6BTAA5.9-G2
UGY150KS	120	150	3200*1130*1800	Cummins	6BTAA5.9-G12
UGY200KS	160	200	3500*1130*2090	Cummins	6CTAA8.3-G2
UGY250KS	200	250	3700*1300*2150	Cummins	6LTAA8.9-G3
UGY350KS	280	350	4200*1700*2450	Cummins	6ZTAA13-G3
UGY400KS	320	400	4200*1700*2450	Cummins	6ZTAA13-G2
UGY500KS	400	500	4500*1600*2500	Cummins	QSZ13-G10
UGY1000KS	800	1000	6058*2438*2591	Cummins	KTA38-G5
UGY1250KS	1000	1250	6058*2438*2710	Cummins	KTA50-G3
UGY500VS	400	500	4500*1600*2150	VOLVO	TAD1641GE-B
UGY700VS	560	700	5200*1800*2460	VOLVO	TWD1645GE

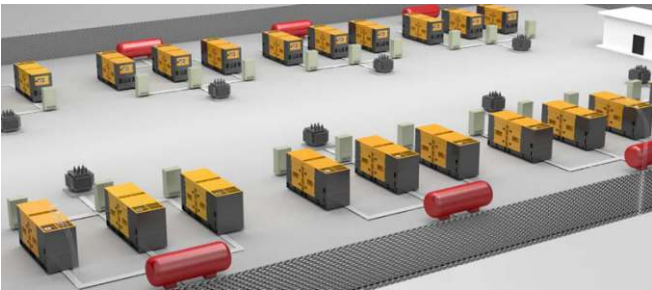
SYNCHRONIZATION SYSTEM

DESCRIPTION

By using inbuilt device with synchronization, power matching and paralleling functions, the controller can be synchronized with the mains, uninterruptedly returning when reaching the peak;Can parallel up to 32 generator sets as a group.

FEATURES

Multiple languages display;Root mean square value voltage measurement;Optional power measurement device;Optional communication ability function, automatic synchronization indication function;Inbuilt or expansion relay outputs.

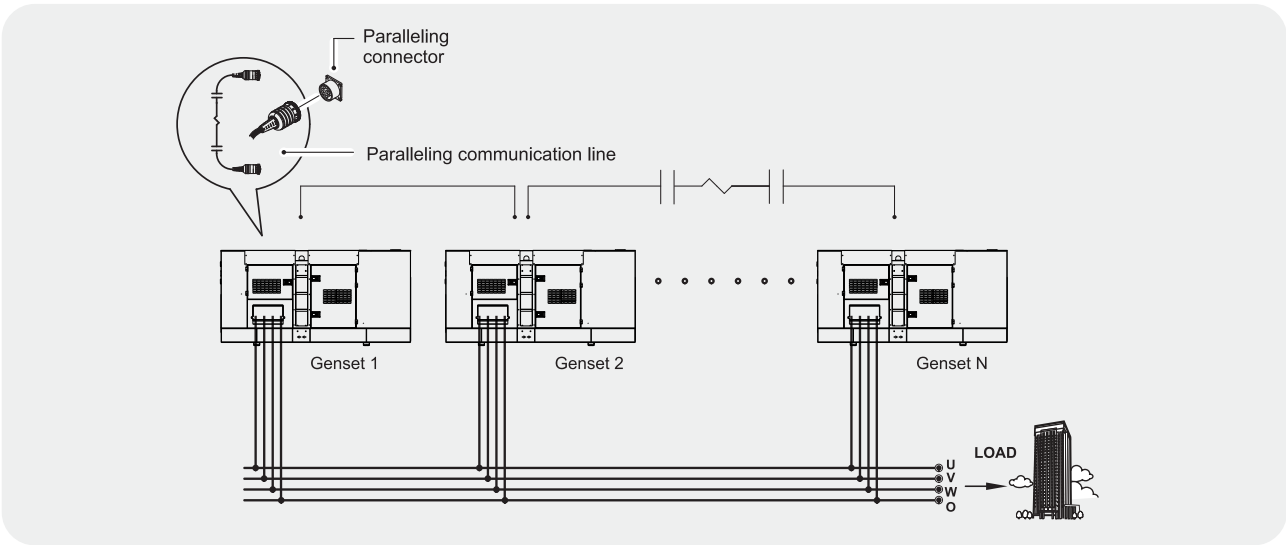


Synchronization cabinet

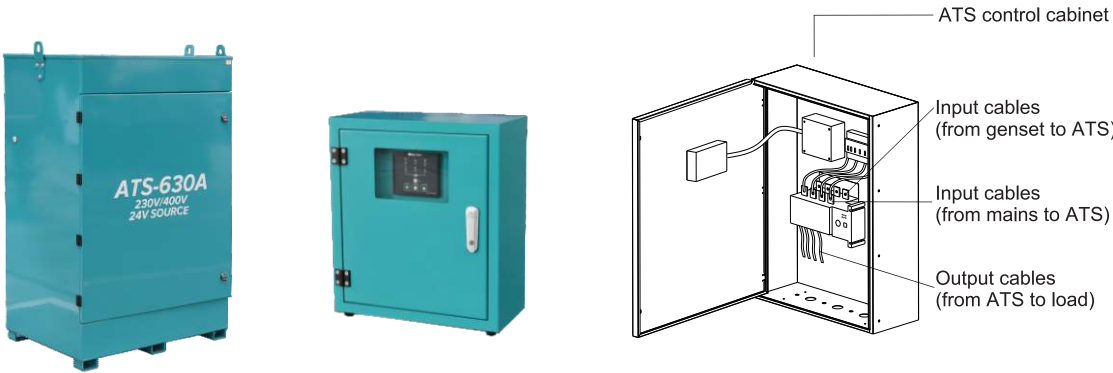
NOTE

Each genset is equipped with two paralleling communication connectors, and the user can parallel two or more gensets by using the paralleling communication line.

- 1. Load Connecting
 - 1) Use appropriate cables to connect the corresponding power terminals (U,V,W,N) on gensets to the busbar.
 - 2) Connect the busbar to the load.
- 2. Paralleling Communication Connecting
 - 1) Use the paralleling communication line to connect the two paralleling connectors on genset 1 and genset 2.
 - 2) In the same way connect paralleling connectors between every two gensets from genset 2 to last.



AUTOMATIC TRANSFER SWITCH

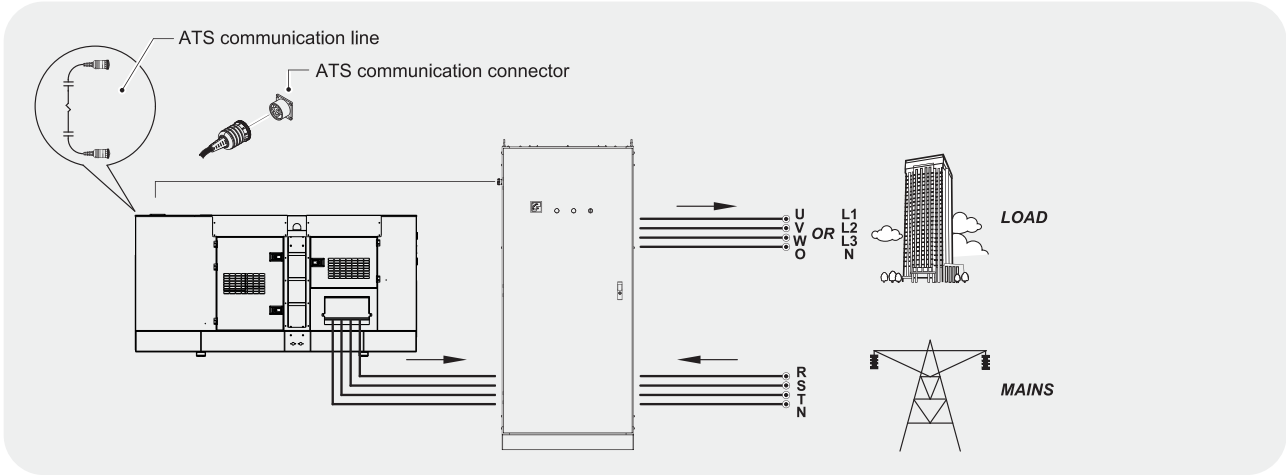


An Automatic Transfer Switch (ATS) is a device used in electrical systems to automatically switch the power source from the primary source to a backup source when it detects a failure or interruption in the primary source of power. This ensures a seamless and uninterrupted power supply to the critical loads connected to it, such as in data centers, hospitals, or other facilities where continuous power supply is essential.

ATS typically monitors the incoming power sources, such as utility power and a backup generator, and switches between them based on predefined criteria like voltage quality, frequency, and availability. It helps in maintaining the reliability of the power supply and protects equipment and systems from damage due to power outages.

FEATURES

- Sheet steel lockable enclosure with hinged door
- Finished in outdoor type powder-coat
- Removable base gland plate for cable entry/exit on all ratings
- Additional top gland plate on all ratings of 160A and above
- Control segregation and secondary screening on all ratings of 160A and above
- Voltmeter (0-500) across U-V on load output
- Load transfer push buttons
- 22.5mm multi-head LED indicators for “mains on load” and “generator on load”
- Interface to UNIV generator control panel
- Suitably rated earth bar



20UDM&20ESX

UNIVPOWER Reefer Container Generator
RESPECT THE QUALITY
ONLY IS RELIABLE



CLIP-ON GENSET

UNDERSLUNG GENSET

SPECIFICATION

	20ESX	20UDM
Rated power (kw)	15kw/18.75kva	15kw/18.75kva
Frequency (HZ)	60HZ	60HZ
Voltage (V)	460V	460V
Noice level for silent type (Db)	74/1M	74/1M
Amps (A)	23.5	23.5
ENGINE	Water-cooled, 4-stroke	Water-cooled, 4-stroke
Model	4DW81-28D	4DW81-28D
12 hours rated power (kw)	21.3	21.3
Cylinders	4	4
Bore x stroke (mm)	84x100	84x100
Intake Method	Nature Intake	Nature Intake
Displacement (L)	2.2	2.2
Fuel comsumption (L/h)	3.5	3.5
Cooling starting method	Electric start	Electric start
Engine manufacturer	Perkins	Perkins
ALTERNATOR	UNIV	UNIV
Rated power (kw/kva)	18kw/22.5kva	18kw/22.5kva
Rated currency (A)	28.2	28.2
Power factor (cosφ)	0.8lagging	0.8lagging
Phase/Rotary speed	3-phase, 1800rpm	3-phase, 1800rpm
Excitation	Brushless,Self-Excited system	Brushless,Self-Excited system
Voltage regulation	Automatic	Automatic
Net weight (kg)	1000	680
Packing size L x W x H (mm)	2368*729*1073	1390*1613*828
Fuel tank capacity (L)	360	230

WE GIVE WHAT YOU CARE THE MOST

Long time fuel supply

With big size fuel tank, can offer at least 80hours operation It means your fresh foods and drinks etc. will enjoy over 600km transportation journey without stop.

Intelligentize mechanical Control System

1. Reliable mechanical type control system, easy to be operated, continuous operation under harsh surrounding
2. All protection function for safety, high water temperature/low oil pressure auto stop and alarm.

Safety and convenience

Mounting Clip for clip on type and header pin for underslung time both made of high strength steel. Configure one step attach, connecting and disconnecting in minutes.
Waterproof design control system and IP65 power output socket, operation under any weather condition.

Durable canopy design

Anti-corrosive paint on the basis of plastic coating makes it shining and the most important is,isolating the salty and damp operation surrounding of the generator.

Details Concern.

Bug proof nets with dense mesh configured for preventing bug and particulate ,We prepared plenty kinds of color with durable coating powder for individuation and recognizability, make it your unique units and brand.



THE HEART OF EVERY GREAT MACHINE Perkins

MODEL:404D-22G

Bore	84.0 mm
Stroke	100.0 mm
Displacement	2.2 litres
Aspiration	Naturally aspirated
Rotation (from flywheel end)	Anti-clockwise
Number of cylinders	4 inline
Cycle	4 stroke
Compression ratio	23.3:1
Combustion system	Indirect injection
Cooling system	Liquid
Total coolant capacity	7.0 litres
Total lubricating capacity	10.6 litres
L*W*H	946*497*840 MM
Dry weight	242.0 kg
Mechanical output	18-34 kWm
Electrical output	20-36 kVA (16-29 kWe)
Rated speed	1500/1800 rpm

EU Stage IIIA/U.S. EPA Tier 3

UNIV REEFER GENSET ALTERNATOR ADVANTAGE

SPECIFICATIONS

Rated Output	18KW/22. 5KVA
Voltage&phase	460v 3phase
Frequency	60hz
Control System Ser.4	Transformer Self Excited
Voltage Regulation	±5%
Sustained Short Circuit	450% Current
Insulation System	Class H
Protection	Ip22
Rated Power Factor	0.8
Stator Winding	Double Layer Concentric
Winding Pitch	Two Thirds
Winding Leads	12
Stator Wdg Resistance	0.305hms Per Phase At22°C
Rotor Wdg/ Resistance	0.64ohms At22°C
R.f.i Suppression	Bs En61000-6-2&bs En61000-6-4
Waverorm Distortion	Non Load <1.5%
Maximum Overspeed	2250rev/min
Bearingng Non-drive End	Ball.6306-2rs.(iso)

UNIV reefer genset alternator meet with EN 60034 and the relevant section of other international standards such as GB755, NEMA MG1-32, IEC34, CSA C22.2-100. Other standards and certifications can be considered on request.

THE NEXT GENERATION OF PORTABLE PERFORMANCE

The workhorse of our mobile fleet, the Fullair series has been reimagined with key features and critical advantages. We listened to your wants and needs, incorporating a variety of valued customer feedback into our modern design. As a direct result of your input, we’ve developed a product that is fully optimized and ready to hit the road.

RELIABILITY

Customers who work with Fullair have found that the intangibles make all the difference — things like trust, confidence, and peace of mind. They go to work every day having full faith in their equipment, as well as the knowledge that dedicated distributors and Fullair personnel have their back every step of the way.

DURABILITY

Bulletproof. Built to last. However you spin it, Fullair compressors are in it for the long haul, driven by the design of the legendary air end. At jobsites all over the world — from construction to mining and more — you'll find Fullair compressors that have stood the test of time, running consistently today like they did on day one.

PERFORMANCE

You have high expectations for your operations, and we make machines that share your work ethic. Fullair portables get the job done with the innovations you want: compact design for enhanced maneuverability and improved fuel efficiency for extended run times.

Improved Fullair air end, continuing the tradition of reliable durability

Integrated leak-free design
Direct drive

Proven Isuzu/Cummins engine

- * Tier 2 emissions compliant
- * VE injection pump

Improved fuel efficiency with a 27-gallon fuel tank — up to 10 hours of use

Compact design for improved maneuverability

Easy service and maintenance

- * Improved access to engine air filter and oil dipstick
- * Consolidated fuse/relay box in one location

All-weather lubricant — Fullair series standard fill — to help keep your compressor running in extreme conditions



PORTABLE AIR COMPRESSOR

RELIABILITY DURABILITY PERFORMANCE

These are the pillars that drive the quality of Fullair compressors. It’s a promise we keep with every machine we make.



MAIN FEATURES	TECHNICAL DATA	 UDS125S	 UDS185S	 UDS265S	 UDS390S	 UDS550S	 UDS750S
New, modern design with a more aggressive and streamlined look	Type	Rotary twin screw	Rotary twin screw	Rotary twin screw	Rotary twin screw	Rotary twin screw	Rotary twin screw
	Free air delivery m³/min	3.5	5.2	7.5	11	15.5	21
	Rated operating pressure kg/cm² (kpa)	7	7	7	10	10	10
	Receiver tank capacity m³	0.027	0.027	0.08	0.105	0.186	0.186
	Air outlet	x 2pcs	× 3pcs	× 3pcs	× 5pcs	× 4pcs	× 3pcs
Compact dimensions for handling ease, whilst at the same offering high performance levels	ENGINE						
	ENGINE	Water-cooled, 4-stroke	Water-cooled, 4-stroke	Water-cooled, 4-stroke	Water cooled, 4stroke	Water cooled, 4stroke	Water cooled, 4stroke
	Model	FAW 4DW91-56G2	ISUZU 4JB1-C	ISUZU 4JB1T-C	CUMMINS 6BT5.9-C150	CUMMINS 6BTA5.9-C180	CUMMINS 6CTA8.3-C260
	Cylinders	3	4	4	6	6	6
	Bore x stroke (mm)	90x100	93x102	93x102	102*120	102*120	114*135
Environmental respect : the general acoustic pressure levels are at the lowest levels as indicated in the current legislative limits	Intake Method	Nature Intake	Nature Intake	Turbo charged	Turbocharged	Turbocharged	Turbocharged
	Displacement (L)	2.54	2.771	2.771	5.9	5.9	8.3
	Engine Power	41kw@2650rpm	45kw@3000rpm	62kw@3000rpm	110kw@2300rpm	132kw@2500rpm	194kw@2200rpm
	Cooling starting method	Electrical start	Electrical start	Electrical start	Electrical start	Electrical start	Electrical start
	Dimension and weight						
Motorization system using liquid cooling system only, which is more reliable and less noisy	Net weight (kg)	720	1180	1290	2190	2600	3200
	Packing size L x W x H (mm)	3100*1640*1690	3100*1640*1690	3320*1850*1750	4200*2000*2050	4500*1800*2250	4800*1950*2350
	Fuel tank capacity (L)	60	60	90	120	250	400
Special”BS” sandblasting version that includes a compressed air cooling radiator and an automatic condensation separator to ensure the delivery of de-humified air.							