




light is life...





Introduction	2 - 3	●
Portable Generating Sets	4 - 7	●
Diesel Generating Sets	8 - 29	●
Natural Gas Generating Sets	30 - 33	●
Control Panels	34	●
Transfer Switches	35	●
Soundproof Enclosures	36	●
Containerised Cabins	37	●



About U Power Energy Division

U POWER is a global generator company that designs, supply and distributes power generation equipment worldwide. The company adds incomparable application and engineering know-how, excellent design and service capabilities, delivering value beyond the equipment it produces.

The product range that the brand offers includes diesel, gasoline and gas generator sets, control panels and paralleling systems for standby emergency power, prime power, peak power and distributed power.

U POWER has supplied power systems to major international projects, providing energy solutions to the construction, telecommunications, residential, telecom, rental, commercial, mining, healthcare and industrial sectors.

With outputs ranging from 3 to 3000Kva, they have been designed to provide both standby and continuous power.

U POWER has supply also complete range of power and distribution transformers, load banks, electrical motors, UPS, metal enclosed switchgears, low voltage panels, prefabricated kiosks for industrial and commercial applications.

Portable Generating Sets





Portable Generating Sets





0,85 kVA - 6,3 kVA

Portable Generator Sets Specifications

- *Compact power units
- *Over Head Valve (OHV), 4 stroke, gasoline fueled engine
- *Diesel engine for UAP 4200DE and UAP 8000DE genset
- *Oil safety; engine stops when the oil level is low
- *Electric starter is available
- *Current output protected by a circuit protector
- *UAP 1000i, 2000i models are inverter generator series



Single and Three Phase Generating Sets

Genset Specifications@50Hz, 230V&400V									Engine 3000 RPM					Dimension & Weight					
Fuel	Model Name	AC Rated Output			DC12V		AC Max Output		Engine			Cylinder		Fuel Tank Capacity (L)	L x W x H (L)	Dry (kg)	Noise Level at db (7m)	Trolley Kit	Canopy
		ISO8528 (KW)	Case 0.8 (KVA)	Current (A)	Current (A)	ISO8528 (KW)	Phase	HP@1600	Electric Start	Oil Safety	No.	Cap. (ml)	Fuel Consump. (L)						
GASOLINE	UAP 1000i	0.85	-	3.7	6	1	1	5500psi	x	-	1	98	0.5	2.1	505x280x410	14.8	64	x	x
	UAP 1200	0.9	-	3.4	8	1	1	3	x	-	1	98	0.45	7	470x380x405	26	75	x	x
	UAP 2000i	1.7	-	7.4	6	1.9	1	5500psi	x	-	1	115	1.3	3.6	555x305x460	22.2	64	x	x
	UAP 3500	2.5	-	11	x	2.8	1	6.5	x	-	1	196	1.1	15	610x495x480	44.5	75	x	x
	UAP 3500E	2.5	-	11	x	2.8	1	6.5	-	-	1	196	1.1	15	610x495x480	44.5	75	x	x
	UAP 5500	4	-	17.3	x	4.5	1	11	x	-	1	337	1.8	25	680x540x545	78	73	-	x
	UAP 5500E	4	-	17.3	x	4.5	1	11	-	-	1	337	1.8	25	680x540x545	83	73	-	x
	UAP 8000E	6	-	26	x	6.5	1	15	-	-	1	419	2.6	30	810x540x565	98	77	-	x
	UAP 8000E3	6	7.5	10.8	x	6.5	3	15	-	-	1	419	2.7	25	680x540x545	95	73	-	x
	UAP 1109E	8	-	34.8	x	8.8	1	18	-	-	2	570	5	16	910x740x750	122	82.6	-	x
UAP 1101E	8	10	14.4	x	8.8	3	18	-	-	2	570	5	16	910x740x750	117	82.6	-	x	
DIESEL	UAP 4200DE	4.2	-	18	7	4.5	1	8.6	-	-	1	406	1.5	12.5	970x580x785	186	74	-	-
	UAP 8000DE	5.5	-	24	8	6	1	10	-	-	1	499	1.8	12	850x530x755	175	80	x	-
	UAP 8000DE	6.3	-	27	8	6.8	1	10	-	-	1	499	2	15	730x630x735	125	92	-	x

*(-)Standard, (X) Not Available.

*ISO 8528: Ratings are given for 25°C ambient temperature. Altitude 100m above sea level. Derating, please contact us.

Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





Diesel Generating Sets





Standard Open Genset Specifications

- CUMMINS 4 cycle, water cooled, 1500 rpm diesel engine
- Welded steel base frame with A / V mounting
- Compact power units
- Fuel tank built in the base frame
- Engine mounted cooling radiator and fan
- Flexible fuel connection hoses and lube - oil drain valve fitted
- Electronic governor control
- 12 V D.C. battery with cables and rack (UC55 - UC170)
- Mechanical governor (UC55, UC66 and UC200)
- 24 V D.C. battery set with cables and rack (UC200 - UC500)
- Electric Starter & Charge alternator
- Industrial silencer and steel bellows delivered loose
- Normal duty, dry type air filter
- Engine jacket water heater
- Single bearing alternator, IP21 enclosure, class H insulation
- Manual for use and installation
- Standard voltage 400/230 V A.C., 50 Hz
- Modular silent canopies are available on the whole range



Three Phase Generating Sets With Cummins Engine

Genset Specifications@50Hz, 230V/400V				Engine 3000 RPH				Open Type Genset			Soundproof Canopy Genset	Control Panel				
Model Name	Cose 0.8 (KVA)		ISO8528* (KW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto	
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)				Dry (kg)
UC 55	55	50	44	40	53.8-66	4L	3.8	97	128	9.5	100	1780x950x1198	870	UP 30	1140	P 602
UC 66	66	60	52.8	48	53.8-67	4L	3.8	97	128	11	240	2150x1050x1446	950	UP 40	1300	
UC 110	110	100	88	80	68TAA.905	6L	5.9	102	120	18	240	2173x1050x1563	1250	UP 40	1600	
UC 150	150	135	120	108	68TAA.906	6L	5.9	102	120	27	470	2750x1300x1751	-	UP 60	2240	
UC 170	170	155	136	124	68TAA.907	6L	5.9	102	120	29	470	2750x1300x1751	1535	UP 60	2270	P 732
UC 350	350	300	280	240	05L9G5	6L	8.8	114	145	46	470	2901x1300x1869	2630	UP 60	3450	
UC 400	400	360	320	288	NTA 855 G4	6L	14	140	152	57	700	3148x1550x2071	3130	UP 70	4200	
UC 500	500	455	400	364	05K15 G6	6L	15	137	169	74.3	850	3377x1550x2103	3015	UP 80	4815	

- Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528.
- Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

*ISO 8528: Ratings are given for 25°C ambient temperature. Altitude 100m above sea level. Derating, please contact us.

Diesel Generating Sets





Standard Open Genset Specifications

- CUMMINS 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & Charge alternator (24V DC)
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame between UC550 and UC825
- Lube - oil drain hand pump fitted
- 24 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater for automatic models
- Manual for use and installation
- Optional silent enclosure



Three Phase Generating Sets With Cummins Engine

Genset Specifications@50Hz, 230V&400V					Engine 3000 RPM					Open Type Genset			Soundproof Canopy Genset		Control Panel	
Model Name	Cosu 0.8 (KVA)		ISO8528* (KW)		Model	Cylinder				Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)	Dry (kg)			
UC 550	550	500	440	400	QSK 15 G8	6L	15	137	169	78.7	850	3377x1550x2181	3850	MS 60	4850	
UC 700	700	638	560	510	VTA 28 G5	12V	28	140	152	104	1000	3814x1550x2266	5470	MS 65	7030	
UC 825	825	-	660	-	VTA 28 G6	12V	28	140	152	133	1000	3950x1550x2266	5610	MS 65	7170	
UC 880	880	800	704	640	QSK 23 G3	6L	23.5	170	170	121	1500	4121x1705x2225	5950	UP 90	9100	
UC 1100	1100	1000	880	800	QST 30 G4	12V	30.48	140	165	151	1500	4480x1776x2341	7350	UP 96	11000	
UC 1100K	1100	1000	880	800	KTA 38 G5	12V	37.8	159	159	161	1500	4489x1770x2370	8600	UP 96	12250	
UC 1410	1410	1280	1128	1024	KTA 50 G3	16V	50.3	159	159	199	2000	4935x2100x2412	9900	UP 98	14000	P 732
UC 1650*	1650	1400	1320	1120	KTA 50 G8	16V	50.3	159	159	222	2000	5489x1950x2450	10100	UP 98	15100	
UC 1675	1675	1500	1320	1200	KTA 50 G5B	16V	50.3	159	159	238	2000	5449x1950x2450	10100	UP 98	15100	
UC 2250	2250	2045	1800	1636	QSK 60 G4	16V	60.2	159	190	291	2000	5808x2280x2965	15500	UP 99	21100	
UC 2500	2500	2000	2000	1600	QSK 60 G13	16V	60.2	159	190	302	2000	6000x2494x3220	17200	UP 99	22800	
UC 3000	3000	2750	2400	2200	QSK 78 G9	18V	77.6	170	190	406	-	-	-	-	-	

(1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

(2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period of 1 hour with in 12 hour period of operation.(3)

(3) Fuel consumption according to standby power.

(4) For prime power 1400 kVA used Cummins KTA 50 G8 engine.

(5) For prime power 1500 kVA used Cummins KTA 50 G5B engine.

*ISO 8528 ratings are given for 25 °C ambient temperature, altitude 100m above sea level. Derating, please contact us.

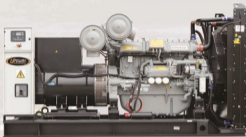
Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets



Standard Open Genset Specifications

- PERKINS, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical or Electrical governor control
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 12 V D.C. battery with cables and rack
- 24 V D.C. battery set with cables and rack (UP275 - UP385)
- Industrial silencer delivered loose
- Engine jacket water heater
- Manual for use and installation
- Modular silent canopies are available on the whole range



Three Phase Generating Sets With Perkins Engine

Genset Specifications@50Hz, 230Vx400V					Engine Specifications					Open Type Genset			Soundproof Canopy Genset		Control Panel		
Model Name	Cosia D/B (KVA)		ISO8528 ² (KW)		Model	Cylinder				Fuel		Dimension & Weight			Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/h)	Tank Capacity (L)	L x W x H (mm)	Dry (kg)				
UP 15	14,5	13	11,6	10,4	403A-15G1	3L	1,5	84	90	2,79	50	1250x850x1017	410	UP 10	550		
UP 22	22	20	17,6	16	404A-22G1	4L	2,22	84	100	4	38	1361x850x1041	500	UP 11	625		
UP 33	33	30	26,4	24	1103A-33G	3L	3,3	105	127	5,4	70	1500x900x1205	665	UP 20	875		
UP 50	50	45	40	36	1103A-33G1	3L	3,3	105	127	8,2	100	1780x950x1206	800	UP 30	1030		
UP 72	72	66	57,6	52,8	1104A-44TG1	4L	4,4	105	127	11,2	100	1780x950x1220	890	UP 30	1145		
UP 88	88	80	70,4	64	1104A-44TG2	4L	4,4	105	127	14	240	2150x1050x1390	1020	UP 40	1360	P 602	
UP 110	110	100	88	80	1104C-44TAG2	4L	4,4	105	127	17,1	240	2150x1050x1390	1100	UP 40	1450		
UP 150	150	135	120	108	1106A-70TG1	6L	7,01	105	135	22,7	380	2300x1150x1466	1240	UP 50	1820		
UP 165	165	150	132	120	1106A-70TAG2	6L	7,01	105	135	24,7	380	2320x1150x1567	1380	UP 50	1945		
UP 200	200	180	160	144	1106A-70TAG3	6L	7,01	105	135	32	380	2318x1150x1593	1590	UP 50	2250		
UP 220	220	200	176	160	1106A-70TAG4	6L	7,01	105	135	24,7	380	2318x1150x1593	1620	UP 50	2150		
UP 275	275	250	220	200	1506A-68RTAG3	6L	8,8	122	149	41,6	470	2750x1300x1702	2130	MS 60	2860	P 732	
UP 330	330	300	264	240	1506A-68RTAG5	6L	8,8	122	149	48,2	470	2750x1300x1734	2350	MS 60	3030		
UP 385	385	350	308	280	2206A-613TAG2	6L	12,5	130	157	54	850	3265x1550x2105	-	MS 60	4215		

1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

**ISO 8528 Ratings are given for 25°C ambient temperature, Altitude 100m above sea level. Derating, please contact us.*

Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

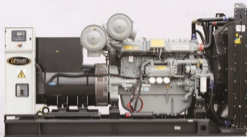
Diesel Generating Sets





Standard Open Genset Specifications

- PERKINS, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electrical governor
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame between UP400 - UP550
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 24 V D.C. battery set with cables and rack
- Industrial type silencer delivered loose
- Engine jacket water heater
- Manual for use and installation
- Modular silent canopies are available on the whole range



Three Phase Generating Sets With Perkins Engine

Genset Specifications @ 50Hz, 230V/400V					Engine Specifications					Open Type Genset			Soundproof Canopy Genset		Control Panel
Model Name	Cosel 0.8 (KVA)		ISO8528* (KW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/hr)	Tank Capacity (L)	L x W x H (mm)			
UP 400	400	350	320	280	2206A-E13TAG2	6L	12.5	130	157	54	850	3205x1550x2105	-	MS 80	4220
UP 440	440	400	352	320	2206A-E13TAG3	6L	12.5	130	157	62	850	3205x1550x2105	3180	MS 80	4260
UP 450	450	410	360	328	2206A-E13TAG3	6L	12.5	130	157	62	850	3205x1550x2105	-	MS 80	4400
UP 500	500	455	400	364	2506A-E15TAG1	6L	15.2	137	171	72	850	3252x1550x2105	3650	MS 80	4800
UP 550	550	500	440	400	2506A-E15TAG2	6L	15.2	137	171	76	850	3252x1550x2105	3880	MS 80	4800
UP 880	880	800	704	640	4006-23TAG3A	6L	22.82	160	190	130	1500	3900x1690x2273	5500	LP 91	7500
UP 900	900	805	720	644	4006-23TAG3A	6L	22.82	160	190	130	1500	3900x1690x2273	6250	LP 91	7650
UP 1000	1000	910	800	728	4008-TAG1A	8L	30.56	160	190	143	1500	4786x1973x2205	-	LP 96	-
UP 1125	1125	1023	900	818.4	4008-TAG2A	8L	30.56	160	190	162	1500	4786x1973x2205	6920	LP 96	10350
UP 1250	1250	1125	1000	900	4008-30TAG3	8L	30.56	160	190	188	1500	4646x2204x2000	7000	LP 96	11200
UP 1400	1400	1265	1120	1012	4012-46TAG2A	12V	45.84	160	190	196	2000	4905x1880x3366	8865	LP 96	11200
UP 1650	1650	1500	1320	1200	4012-46TAG2A	12V	45.84	160	190	234	2000	4920x2120x2410	10200	LP 96	14300
UP 1875	1875	1705	1500	1364	4012-46TAG3A	12V	45.84	160	190	275	2000	5290x2220x2752	10400	LP 99	-
UP 2500	2500	2250	2000	1800	4016-61TRG3	16V	61.12	160	190	344	2000	5900x2390x3020	14000	LP 99	18000

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2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

*ISO 8528 Resins are given for 25°C ambient temperature. Altitude 100m above sea level. Derating, please contact us.

Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





220 kVA - 825 kVA

Standard Open Genset Specifications

- DOOSAN, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & Charge alternator (24V DC)
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame (excluding UDB25)
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 24 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heat
- Manual for use and installation
- Optional silent enclosure



Three Phase Generating Sets With Doosan Engine

Genset Specifications@50Hz, 230V/400V					Engine Specifications					Open Type Genset			Soundproof Canopy Genset		Control Panel	
Model Name	Cose 0,8 (kVA)		ISO8528* (kW)		Model	Cylinder				Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)	Dry (kg)			
UD 220	220	200	176	160	P696TI	6L	8,67	111	139	31,7	380	2668x1500x1624	1800	UP 50	2175	
UD 275	275	250	220	200	P126TI	6L	11,05	123	155	40	470	3017x1300x1588	2265	PS 60	2950	
UD 330	330	300	264	240	P126TI-8	6L	11,05	123	155	47	470	3017x1300x1588	2375	PS 60	3065	
UD 410	410	375	328	300	P158LE-1	8V	14,6	128	142	58,4	700	3031x1550x1985	3030	PS 70	4325	
UD 490	485	425	388	340	P158LE	8V	14,6	128	142	65,1	700	3106x1550x1994	3130	PS 70	4150	
UD 510	510	460	408	368	DP158LC	8V	14,618	128	142	72,9	700	3106x1550x1994	3150	PS 70	4100	
UD 580	580	525	464	420	DP158LD	8V	14,618	128	142	83,4	700	3106x1550x1994	3350	PS 70	4200	
UD 630	630	575	504	460	DP180LA	10V	18,273	128	142	94,2	850	3264x1550x2056	3720	PS 80	4835	P 732
UD 710	710	640	568	512	DP180LB	10V	18,273	128	142	103,8	850	3359x1550x2056	4000	PS 80	4840	
UD 750	750	680	600	644	DP222LB	12V	21,507	128	142	109,2	1000	3494x1550x2301	4190	PS 85	5400	
UD 825	825	750	660	600	DP222LC	12V	21,507	128	142	119,1	1000	3630x1550x2301	4320	PS 85	5535	

1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

*ISO 8528: Ratings are given for 25 °C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet
 Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





Standard Open Genset Specifications

- VOLVO, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & Charge alternator (24V DC)
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 24 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure



Three Phase Generating Sets With Volvo Engine

Genset Specifications@50Hz, 230V@400V					Engine Specifications					Open Type Genset			Soundproof Canopy Genset		Control Panel
Model Name	Coul. D.B (KVA)		ISO8528 ¹ (KW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)			
UWP 275	275	250	220	200	TA0134GE	6L	7,15	108	130	43,5	470	2750x1300x1707	2320	MS 60	2850
UWP 350	350	320	280	256	TA01341GE	6L	12,78	131	158	48,3	700	3048x1550x1855	2900	MS 70	3930
UWP 385	385	350	308	280	TA01342GE	6L	12,78	131	158	53,7	700	3048x1550x1855	2950	MS 70	3940
UWP 415	415	380	332	304	TA01343GE	6L	12,78	131	158	57	700	3130x1550x1855	3150	MS 70	4040
UWP 450	450	410	360	328	TA01344GE	6L	12,78	131	158	63,3	700	3213x1550x1855	3170	MS 70	4200
UWP 505	505	455	404	364	TA01345GE	6L	12,78	131	158	69,2	700	3213x1550x1855	3200	MS 70	4205
UWP 550	550	500	440	400	TA01641GE	6L	16,12	144	165	76,3	850	3341x1550x2196	3240	MS 80	4660
UWP 655	655	595	524	476	TA01642GE	6L	16,12	144	165	88,4	850	3341x1550x2196	3250	MS 80	4970
UWP 700	700	636	560	508,8	TW01643GE	6L	16,12	144	165	95,6	1000	3537x1550x2253	4315	MS 85	5910

1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

*ISO 8528: Ratings are given for 25 °C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet. Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





Standard Open Genset Specifications

- MITSUBISHI, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & Charge alternator (24V DC)
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 24 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure



Three Phase Generating Sets With Mitsubishi Engine

Genset Specifications@50Hz, 230V@400V				Engine Specifications				Open Type Genset			Soundproof Canopy Genset	Control Panel			
Model Name	Cosφ 0.8 (KVA)		ISO8528* (KW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)			
UM 825	825	750	660	600	S16R-PTAA	6L	29,96	170	220	119,2	1300	4100x1800x2181	6360	PG 06	7680
UM 880	880	800	704	640	S12A2-PTA	12V	33,93	150	160	128	850	4370x1972x2122	6900	UP 90	9840
UM 1100	1100	1030	880	824	S12B-PTA	12V	37,11	150	175	168,6	1000	4370x2100x2214	8600	UP 96	12250
UM 1425	1425	1290	1140	1032	S12B-PTA	12V	49	170	180	204,7	2000	4430x2040x2217	9300	UP 96	13580
UM 1650	1650	1500	1320	1200	S12B-PTAA2	12V	49	170	180	234,2	2000	4982x2192x3076	10450	UP 99	15450
UM 1915	1915	1750	1532	1400	S16R-PTA	16V	65,37	170	180	260,9	2000	5160x2245x2545	12600	UP 99	17700
UM 2100	2100	1875	1680	1500	S16R-PTA2	16V	65,37	170	180	305,1	2000	5218x2245x2961	13100	UP 99	18350
UM 2250	2250	2000	1800	1600	S16R-PTAA2	16V	65,37	170	180	313,1	2000	5700x2192x3390	13400	UP 99	19000
UM 2500	2500	2250	2000	1800	S16R2-PTRW	16V	79,90	170	220	362	2000	6146x2380x3389	14700	UP 99	21420

1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

*ISO 8528: Ratings are given for 25 °C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet. Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





33 kVA - 275 kVA

Standard Open Genset Specifications

- JOHN DEERE, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical Governor
- Electronic Governor (UJD275)
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 12 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Modular silent canopies are available on the whole range



Three Phase Generating Sets With John Deere Engine

Genset Specifications @50Hz, 230V/400V					Engine Specifications				Open Type Genset			Soundproof Canopy Genset		Control Panel	
Model Name	Case 0.8 (KW)		ISO8528* (KW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)			
UJD 33	33	28	26.4	22.4	3029 D	3L	2.9	106	110	5.2	70	1490x900x1223	720	UP 20	900
UJD 45	45	40	36	32	3029 T	3L	2.9	106	110	7.5	100	1780x950x1132	830	UP 30	1050
UJD 75	75	68	60	54.4	4045 T-70	4L	4.5	106	127	12.2	240	2150x1050x1459	1050	UP 40	1400
UJD 90	90	80	72	64	4045 T-83	4L	4.5	106	127	16.5	240	2150x1050x1459	1120	UP 40	1470
UJD 110	110	100	88	80	4045 H	4L	4.5	106	127	19.4	240	2150x1050x1450	1200	UP 40	1550
UJD 132	132	120	105.6	96	6068 T	6L	6.8	106	127	20.2	380	2300x1150x1519	1440	UP 50	1640
UJD 170	170	155	136	124	6068 H-153	6L	6.8	106	127	26.2	380	2399x1150x1557	1530	UP 50	1930
UJD 200	200	180	160	144	6068 H-183	6L	6.8	106	127	31.3	380	2399x1150x1557	1570	UP 50	1990
UJD 275	275	250	220	200	6068 HFC 55	6L	6.8	106	127	40.4	470	2750x1300x1657	1970	HS 60	2680

1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

*ISO 8528: Ratings are given for 25 °C ambient temperature. Altitude: 700 m. above sea level. Derating, please contact us or refer to data sheet. Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





Standard Open Genset Specifications

- UPPOWER, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Mechanical governor
- Electronic governor control on UPD 90A
- Electric Starter & Charge alternator (24V DC)
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230V A.C., 50Hz
- Welded steel base frame with A/V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 12v or 24 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure



Three Phase Generating Sets General Specifications

Genset Specifications@50Hz, 230V/400V					Engine Specifications					Open Type Genset		Soundproof Canopy Genset		Control Panel		
Model Name	Crash 0.8 (kVA)		ISO8528* (kW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto	
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)				Dry (kg)
UPD 12E	12	11	9.6	8.8	upower	3V	0,794	80	79	3	15	-	-	1152x776x990	252	
UPD 12U	11,5	10,6	9,2	8,5	upower	3L	1,4	80	90	2,6	32	1400x1600x927	350	1522x823x1127	470	
UPD 16U	15,5	14,5	12,4	11,6	upower	4L	1,8	80	90	3,0	32	1400x1600x927	390	1672x823x1127	520	
UPD 20U	20	18	16	14,4	upower	4L	2,417	90	95	4,05	95	1500x900x1061	640	1933x963x1213	870	
UPD 25U	25	23	20	18,4	upower	4L	2,54	90	100	4,1	95	1500x900x1061	665	1933x963x1213	895	
UPD 33U	33	30	26,4	24	upower	4L	2,54	90	100	5,1	95	1500x900x1061	680	1933x963x1213	910	
UPD 40U	40	36	32	29,8	upower	3L	3,12	105	120	6,5	82	1730x900x1138	892	2270x969x1275	1100	
UPD 50U	50	45	40	36	upower	4L	4,95	108	135	8,3	154	1860x900x1340	960	2494x963x1542	1280	
UPD 70U	70	64	56	51,2	upower	4L	4,58	108	125	12,8	154	1881x900x1340	1060	2494x963x1542	1380	
UPD 90U	93	85	74,4	68	upower	4L	4,58	108	125	14,5	195	2150x1000x1457	1265	3116x1063x1715	1685	

Single Phase Generating Sets General Specifications

Model Name	Standby	Prime	Standby	Prime	Model	Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. %75 Load (L/H)	Tank Capacity (L)	L x W x H (mm)	Dry (kg)	Model Auto	
UPD 12EH	-	-	9,6	8,8	upower	2V	0,794	80	79	3	15	-	-	1,160,730x85	231
UPD 16MA	11	10	11	10	upower	4L	1,8	80	90	3	32	1400x1600x927	390	1672x823x1127	520
UPD 20MA	16,5	15	16,5	15	upower	4L	2,545	90	100	4,05	95	1500x900x1061	640	1933x963x1213	870

*Power rating according to coast

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2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period ISO 8528. Ratings are given for 25 °C ambient temperature. Altitude: 100 m. above sea level. Derating, please contact us or refer to data sheet

Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.

Diesel Generating Sets





Standard Open Genset Specifications

- UPower and Cummins, 4 cycle, water cooled, 1500 rpm diesel engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230V A.C., 50Hz
- Welded steel base frame with A / V mounting
- Fuel tank built in the base frame
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 24 V DC battery set with cables and rack
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosure



Three Phase Generating Sets General Specifications

Genset Specifications@50Hz, 230V&400V					Engine Specifications					Open Type Genset			Soundproof Canopy Genset		Control Panel
Model Name	Case 0.8 (KVA)		ISO8528* (KW)		Model	Cylinder			Fuel		Dimension & Weight		Canopy Model	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)	Consump. (NJS Load (L/H))	Tank Capacity (L)	L x W x H (mm)			
UPD 110C	110	100	88	80	Cummins	6L	5.9	102	120	17	195	2150x1000x1469	1280	3116x1106x1715	1700
UPD 125U	125	115	100	92	upower	6L	6.49	105	125	15.7	350	2300x1100x1675	1570	3267x1163x1858	2070
UPD 145C	145	132	116	105.8	Cummins	6L	5.9	102	120	23	195	2150x1000x1474	1360	3316x1106x1715	1800
UPD 165U	165	150	132	120	upower	6L	6.87	108	125	35.0	2300x1100x1675	1720	3267x1163x1858	2200	
UPD 200C	200	180	160	144	Cummins	6L	8.3	114	135	31	350	2336x1100x1652	1780	3267x1163x1858	2280
UPD 250U	250	230	200	184	upower	6L	9.72	126	130	38.9	526	2900x1400x2045	2645	3918x1463x2163	3080
UPD 275U	275	250	220	200	upower	6L	9.726	126	130	43	526	2900x1400x2045	2645	3918x1463x2163	3080
UPD 275C	275	250	220	200	Cummins	6L	8.9	114	145	39	473	2600x1250x1684	1950	3648x1313x2035	2600
UPD1000C	1000	920	800	736	Cummins	12V	30	159	159	147	900	4370x2060x2397	7450	up96	11000
UPD1250C	1250	-	1000	-	Cummins	12V	30	159	159	196	1500	5460x1850x2300	8600	UP96	-

1) Emergency Standby Power (ESP): Applicable for supplying power to varying electrical load for the duration of power interruption of a reliable utility source ESP is in accordance with ISO 8528. Overload is not allowed.

2) Prime Power (PRP): Applicable for supplying power to varying electrical load for unlimited hours. 10% overload capability is available for a period

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Natural Gas Generating Sets





Natural Gas Generating Sets



Standard Open Genset Specifications

- GM, LOWVOLT, D005AN, 4 cycle, water cooled, 1500 rpm natural gas engine
- Compact power units
- Engine mounted cooling radiator and fan
- Electronic governor control
- Electric Starter & Charge alternator
- Normal duty, dry type air filter
- Single bearing alternator, IP21 enclosure, class H insulation
- Standard voltage 400/230 V A.C., 50 Hz
- Welded steel base frame with A / V mounting
- Flexible fuel connection hoses and lube - oil drain valve fitted
- 12 V DC battery set with cables and rack
- 24 V DC battery with cables and rack for UDG series
- Industrial silencer and steel bellows delivered loose
- Engine jacket water heater
- Manual for use and installation
- Optional silent enclosures



Three Phase Generating Sets General Specifications

Genset Specifications@50Hz, 230V/400V					Engine Specifications					Open Type Genset		Soundproof Canopy Genset		Control Panel	
Model Name	Cosu 0.8 (kVA)		ISO8528* (kVA)		Model	Cylinder				Consuming @prime load (M ³ /H)	Dimension & Weight		L x W x H (mm)	Dry Weight (kg)	Model Auto
	Standby	Prime	Standby	Prime		Type No.	Disp. (L)	Bore (mm)	Stroke (mm)		L x W x H (mm)	Dry (kg)			
UGM 28	27.5	25	22	20	3.0L	4L	3	101.6	91.44	6	1512x900x1230	-	2100x960x1370	700	
UGM 40	40	36	32	28.8	4.3L	6V	4.3	101.6	88.39	8.6	1780x950x1081	-	2470x1010x1421	-	
UGM 62	62	56	49.6	44.8	5.7L	8V	5.7	101.6	88.39	13.3	1832x950x1135	-	2470x1010x1421	1040	P 452
UGM 80	80	72.5	64	58	8.0LINA	8V	8.0	110.49	114.3	17.3	2150x1050x1532	-	3100x1113x1641	1300	
UGM 100	100	90	80	72	8.0LINA	8V	8.0	110.49	114.3	21.4	2150x1050x1532	-	3100x1113x1641	1410	
ULG 33	33	30	26.4	24	1004NG	4L	3.99	100	127	11.4	1780x950x1160	-	2470x1010x1421	1020	
ULG 45	45	41	36	32.8	1006NG	6L	5.99	100	127	17	2150x1050x1320	-	3100x1113x1641	1270	P 602
UGS 158	158	143	126.4	114.4	GE08T1	6L	8.07	111	139	31.8	2950x1300x1703	1800	4000x1353x1905	2450	
UGS 210	210	190	168	152	GE12T1	6L	11.05	123	155	43.4	2950x1300x1703	2250	4000x1353x1905	2900	
UGS 275	275	250	220	200	GV158T1	8V	14.62	128	142	58.4	3625x1550x1849	2950	4550x1550x2170	4200	P 732
UGS 350	350	320	280	256	GV180T1	10V	18.27	128	142	74.7	3300x1380x2047	3400	4900x1550x2380	4765	
UGS 428	428	387	342.4	309.6	GV222T1	12V	21.93	128	142	95.2	3580x1800x2042	4150	5410x1866x2504	5670	

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Control Panels



Main Features	Panel Models		
	P-137	P-602	P-452
Control with	DSE 7320	DSE 4620	DSE 4520
Modes Stop/Auto/Manual/Test/Start	-	-	Stop-On-Start
LCD display Scroll lock-buttons	-	-	X
Event log push-button	X	-	-
Menu navigation buttons	-	X	-
Transfer to mains button	-	X	X
Transfer to generator button	-	X	X
Emergency stop push-button	-	-	-
3 Phase voltage U/V/ANG	-LCD	-LCD	-
Neutral HL/NL/NN	-LCD	-LCD	-
3 Phase current I/AN	-LCD	-LCD	-
Frequency	-LCD	-LCD	-
Total kW	-LCD	X	X
Total kW	-LCD	X	X
Power factor Cosφ	-LCD	X	-
kVA	-	X	-
kWh/kVAh/kkWh	-	X	-
Phase sequence	-	X	X
Earth current	○	X	X
3 Phase voltage L1/L2/L3, L1/L2/L3/L1	-LCD	-LCD	-
Neutral HL1/NL2/NL3	-LCD	-LCD	-
Frequency	-LCD	-LCD	-
Oil Pressure	-LCD	-LCD	-
Coolant temperature	-LCD	-LCD	-
Run time	-LCD	-LCD	-
Speed in RPM	-LCD	-LCD	-
Battery voltage	-LCD	-LCD	-
Fuel Level	-LCD	-LCD	○
Engine maintenance due	-LCD	X	X
Low oil pressure	-LCD	-LCD	-
High engine temperature	-LCD	-LCD	-
Under / Over speed	-LCD	-LCD	-
Low water level	-LCD	○	○
Fail to start	-LCD	-LCD	-
Stop failure	-LCD	-LCD	-
Emergency stop	-LCD	-LCD	-
Oil pressure sensor open	-LCD	-LCD	-

Main Features	Panel Models		
	P-737	P-602	P-452
Charge full	-LCD	-LCD	-
Low oil pressure	-LCD	-LCD	-
High engine temperature	-LCD	-LCD	-
Low engine temperature	-LCD	X	X
Low / High battery volts	-LCD	-LCD	-
Under speed	-LCD	-LCD	-
Low fuel level	-LCD	-LCD	○
Under / Over volt	-LCD	-LCD	-
Under / Over frequency	-LCD	-LCD	-
Over current	-LCD	-LCD	-
100% over load	-LCD	X	X
Unbalanced load	-LCD	X	X
Negative phase sequence	-LCD	X	X
Earth fault	-LCD	X	X
Phase rotation	-LCD	X	X
Short circuit	○	○	○
Under / Over volt	-	-LCD	-
Under / Over frequency	-	-LCD	-
Ice over load	-	X	X
Negative phase sequence	-	X	X
Under / Over volt	-	-	-
Under / Over frequency	-	-	-
Out of limit	-	-	-
RTS change - over control	-	-	-
Remote start	-	-	-
Static battery charger	-	-	-
Water preheating control	-	-	X
Marsh buzzer	○	○	○
RS 232 communication	-	X	X
RS 485 communication	-	X	X

LED : Icon Display
 + : Standard
 ○ : Optional
 X : Not Available



Transfer Switches

Automatic *Mains / Standby
Changeover Switches for Load Transfer

General Technical Specifications

U POWER Supplies a full range Mains – Standby changeover Switches.
A substantial sheet steel enclosure with full width hinged and lockable access door housing the following equipment:

- Twin three pole or four pole electrically interlocked mains / standby changeover contactors or for application where high current rating (above 900 amperes) has to be switched motorized circuit breakers.
- Mains / alternator / load connections or copper bar
- Control cabling terminal block and protection fuses
- Bottom cable entry



	25A-125A	135A-165A	200A-275A	300A-500A	60A-1050A	1050A-1600A	2000A-4000A*
3 poles	-	-	-	-	-	-	-
300 / 400V (3 phase)	-	-	-	-	-	-	-
Changeover by contactor	-	-	-	-	-	X	X
Changeover by motorized CB	X	X	X	X	X	-	-
Terminals	-	-	X	X	X	X	X
Copper Bar	X	X	-	-	-	-	-
Width (mm.)	450	650	650	750	615	615	800
Height (mm.)	450	500	500	600	1600-1700	1600-1700	2000
Depth (mm.)	165	330	330	370	630	630	800
Wall Mounting Panel (P1)	-	-	-	-	X	X	X
Floor Standing Panel (P2)	X	X	X	X	-	-	-

*Depending to total group power, it can be multiple use of 3

	UP 10	UP 11	UP 20	UP 30	UP 40	UP 50	MS 60	MS 70
Length	mm. 1850	1955	2100	2470	3100	3400	3960	4660
Width	mm. 910	910	960	1010	1113	1217	1356	1606
Height	mm. 1131	1171	1441	1461	1741	1938	2097	2477
Fuel Tank	L. 50	38	70	100	240	380	470	700

	MS 80	MS 85	MS 86	UP 90	UP 91	UP 96	UP 98	UP 99
Length	mm. 4810	5297	5410	6500	5920	7500	9000	9000
Width	mm. 1606	1606	1864	2200	2200	2300	2270	2800
Height	mm. 2615	2656	2654	2353	2353/3328	2500	2500/3170	3300/4800
Fuel Tank	L. 850	1000	1300	1100	1500	1500	1900	2200

General Specifications of Silent Type Enclosure

For: From UP 10 - 50 and MS 60 - 86 Models

- Modular design.
- Soundproofed canopy kit
- Anti - corrosion powder coated phosphate priming.
- Colour black / yellow (RAL 9005 / RAL 1003).
- Insulated with acoustic foam lining.
- Two and four point lifting capability for full weight.
- Heat shield protection.
- Lockable doors with key.
- Protective mesh for rotating parts.
- Exterior emergency stop push button.
- Residential silencer inside canopy.
- Thermally insulated engine exhaust system.
- Doors on each side.
- Panel window.
- Access to radiator filling or cap
- Oil drains and breather (sump) extended outside canopy
- On road trailer for soundproofed canopy is available.
- UPOWER makes its generating sets' noise level tests in accordance with directive 2000/14/EC validation of the noise level test has been approved by the notified body Szustest.
- MS 80, 85, 86 lifting hooks should be removed during transportation for 40 Ft high cube container

For: From UP90 to UP99 Models

- Modular design.
- Require a concrete pad.
- Model UP 99 enclosure is drop over style.
- Body made from steel components treated with polyester powder coating.
- Acoustic fire retardant foam is covered inside the enclosure.
- Easy access to all service points and integrated ladder.
- The enclosure have four lifting points.
- Cooling fan and battery charging alternator guarded.
- Control panel viewing window in a lockable access door.
- Colour black / yellow (RAL 9005 / RAL 1003).
- Sump oil draining manual pump.
- Breather (sump) extended outside the enclosure.
- Enclosure floor is covered with chequered aluminium plates (UP90-UP98).






General Specifications of Silent Type CONTAINER

- Four sizes are available: 20, 30, 40 feet High Cube containers.
- Sandwich mineral wool attenuation for wall and ceiling.
- Ribbed aluminium sheet internal floor.
- Large lockable doors.
- Acoustic baffles for the air inlet and outlet.
- 1250 litres and 2000 litres fuel tank with retention bund.
- Residential silencer with stainless steel flexible bellows.
- Ceiling mounted fluorescent light fittings.
- White paint finishing (RAL 9010).

Enclosures Model		UPC 20	UPC 30	UPCH 30	UPC 40	UPCH 40
Length	mm.	6060	9130	9130	12200	12200
Width	mm.	2440	2440	2440	2440	2440
Height	mm.	2591	2600	2800	2600	2800
Fuel Tank	L.	-	2000	2000	2000	2000





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