





**SPECIFICATION**

**CST3000LPG**

Engine Type	Air-cooled,4-stroke, OHV, Single cylinder
Starting System	Recoil/Electric/Remote Control
displacement(cc)	171 cc
Bore X Stroke	66 x 50mm
Compression Ratio	8.5:1
Rated Frequency	50Hz/60Hz
Rated Power	3000(GASOLINE) / 2700(LPG)
Max. Power	3300(GASOLINE) / 3000(LPG)
DC Output	12V/8.3A
Fuel Tank Capacity	6.5L
Noise level (7m)	59dB(A)
Dimensions (LxWxH)	675x480x490mm
Net Weight	36 kg



**CST3600iE**



**SPECIFICATION**

**CST3000i / CST3000E / CST3000R / CST3600iE**

Engine Type	Air-cooled,, 4-stroke, OHV, Single cylinder			
Starting System	Recoil/Electric/Remote Control			
displacement(cc)	171 cc			
AC Output Voltage(V)	110-240V			
AC Frequency(Hz)	50Hz/60Hz			
Cont.AC Output(Watts)	3200W	3300W		
Max.AC Output(Watts)	3000W	3600W		
DC Output(V/A)	12V/8.3A			
Fuel Tank Capacity(L)	6.5L			
Packing Dimensions(mm)	675x480x490			
Net Weight	36 kg	38 kg	45 kg	36 kg
noise level(7m)	54dB(A) To 59dB(A)			



**SPECIFICATION**

**CST1000i**

**CST2000i**

Engine Type	single cylinder,4-stroke OHV
Starting System	Recoil
displacement(cc)	49.7 / 80
AC Output Voltage(V)	110-240V
AC Frequency(Hz)	50Hz/60Hz
Cont.AC Output(Watts)	1000W / 1800W
Max.AC Output(Watts)	900W / 1600W
DC Output(V/A)	12V/8.3A
Fuel Tank Capacity(L)	2.8L / 3.8L
Packing Dimensions(mm)	450x280x395 / 508x335x450
Net Weight	16.3 kg/22.3kg
noise level(7m)	53dB(A)



SPECIFICATION	MN2500EZ-A
Engine Model	H80I
Engine Type	4-stroke, single cylinder, air cooled
Starting System	Recoil
Displacement(cm <sup>3</sup> )	79
Bore X Stroke	48.6x 43mm
Reduction Ratio	9:0.1:00
Rated Frequency	50Hz/60Hz
Rated Voltage	110V/240V
Rated Power	1.6 kw
Max. Power	1.8 kw
DC Output	12V/8.3A
Fuel Tank Capacity	4 L
Full load continuous running time	3.9 h
Noise level (7m)	61 dB(A)
Packing size	520x330x550 mm
Net Weight	19kg



SPECIFICATION	R2000IS
Engine Model	R80-I
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder
Starting System	Recoil Start
Displacement(cc)	79.7
Bore X Stroke	48.6 x 43mm
Compression Ratio	8.7:1
Rated Frequency	50Hz/60Hz
Rated Voltage	230V/120V
Rated Power	1.6 kw
Max. Power	1.8 kw
DC Output	12V/8.3A
Fuel Tank Capacity	4 L
Full load continuous running time	4 h
Noise level (7m)	65 dB(A)
Dimensions (LxWxH) (mm)	498x290x459
Net Weight	22kg





SPECIFICATION	H2000iS(E)	H2250iS(E)	H2750iS(E)	H3750iS(E)	H4000iS(E)	H4500iS(E)
Engine Type	Single cylinder, four stroke, forced air cooling, overhead valve			Single cylinder, four stroke, forced air cooling, overhead valve		
Starting System	Recoil / Electric	Recoil / Electric	Recoil / Electric	Recoil / Electric	Recoil / Electric	Recoil / Electric
Displacement(cc)	79.7	79.7	97.7	223	223	223
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Oil Capacity(L)	0.35	0.35	0.35	0.6	0.6	0.6
Rated Frequency	50Hz/60Hz			50Hz/60Hz		
Rated Voltage	120V/240V			120V/240V		
Rated Power	1.6 kw	1.8 kw	2.2 kw	3.0 kw	3.2 kw	3.5 kw
Max. Power	1.8 kw	2.0 kw	2.3 kw	3.3 kw	3.5 kw	4.0 kw
DC Output	12V/8.3A			12V/8.3A		
Fuel Tank Capacity	4.0 L	4.0 L	4.0 L	12 L	12 L	12 L
Full load continuous running time	4 h	4 h	3.2 h	7 h	6 h	5 h
Noise level (7m)	61 dB(A)	62 dB(A)	64 dB(A)	60 dB(A)	62 dB(A)	64 dB(A)
Dimensions (mm)	480x285x460	480x285x460	480x285x460	595x440x515	595x440x515	595x440x515
Package Dimensions (mm)	520x320x540	530x330x560	530x330x560	650x495x605	650x495x605	650x495x605
Net Weight	18 (19.5) kg	18 (19.5) kg	18.5 (19.5) kg	37 (38.5) kg	37 (38.5) kg	(38.5) 40kg



OPEN FRAME



SPECIFICATION	R6000iE	R8000iE
Engine Model	R300-i	R420-i
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder	
Starting System	Recoil / Electric	
Displacement(cc)	420	
Bore X Stroke	90 x 66mm	
Compression Ratio	8.5:1	
Rated Frequency	50Hz/60Hz	
Rated Voltage	110-240V	
Rated Power	5.5 kw	6.8 kw
Max. Power	6.0 kw	7.5 kw
DC Output	12V/8.3A	
Fuel Tank Capacity	24 L	
Full load continuous running time	6 h	
Noise level (7m)	76 dB(A)	
Dimensions (LxWxH) (mm)	695x641x643	
Net Weight	76kg	



SPECIFICATION	R4000i / R4000iP	R6250i / R6250iP	R8750iD / R8750iDP
Engine Model	R210-i	R300-i	R420D-i
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder		
Starting System	Recoil Start	Recoil Start	Recoil / Electric
Displacement(cc)	212	301	420
Bore X Stroke	70 x 55mm	80 x 60mm	90 x 66mm
Compression Ratio	8.5:1	8.2:1	8.0:1
Rated Frequency	50Hz/60Hz		
Rated Voltage	220V / 120V	220V / 120V&240V	220V / 120V&240V
Rated Power	3.5 kw	5.5 kw	7.8 kw
Max. Power	4.0 kw	6.25 kw	8.75 kw
DC Output	12V/8.3A		
Fuel Tank Capacity	7 L	15 L	15 L
Full load continuous running time	4 h	9 h	6.5 h
Noise level (7m)	76 dB(A)	84 dB(A)	84 dB(A)
Dimensions (LxWxH) (mm)	502x350x495	605x514x537	605x514x537
Net Weight	30kg	60kg	65kg

# INVERTER GENERATOR



SPECIFICATION	DY1200i	DY1500i	DY1800i
Engine Model		147F	
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder		
Starting System	Recoil	Recoil	Recoil /Electric
Displacement	72cc		
Bore X Stroke	47 x 41.5mm		
Rated Frequency	50Hz/60Hz		
Rated Voltage	230V/120V		
Rated Power	1.0 kw	1.2 kw	1.5 kw
Max. Power	1.2 kw	1.5 kw	1.8 kw
DC Output	12V/8.3A		
Fuel Tank Capacity	3.6 L		
Full load continuous running time	4.8 h	4.3 h	4.3 h
Noise level (7m)	60 dB(A)		
Dimensions (LxWxH)	492x262x406 mm		
Net Weight	20.5kg		

SPECIFICATION	DY2000i	DY2500i	DY3500i
Engine Model	152F	152F	157F
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder		
Starting System	Recoil	Recoil	Recoil
Displacement	125cc	125cc	149.5cc
Bore X Stroke	52.4x 57.8mm	52.4x 57.8mm	57.4x 57.8mm
Rated Frequency	50Hz/60Hz		
Rated Voltage	230V/120V		
Rated Power	1.8 kw	2.2 kw	3.0 kw
Max. Power	2.0 kw	2.5 kw	3.5 kw
DC Output	12V/8.3A		
Fuel Tank Capacity	5.7 L		
Full load continuous running time	4.6 h	4.2 h	3.1 h
Noise level (7m)	62 dB(A)		
Dimensions (LxWxH)	565x320x470 mm		
Net Weight	31kg	31kg	31.5kg





	XYG950i	XYG1200i	XYG2000i
Engine Model	139F	144F	152F-4
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder		
Starting System		Recoil	
Displacement	40cc	60cc	99cc
Bore X Stroke	39 x 33.5mm	44 x 39.5mm	52 x 46mm
Rated Frequency		50Hz/60Hz	
Rated Voltage		230V/120V	
Rated Power	0.7 kw	1.0 kw	1.7 kw
Max. Power	0.8 kw	1.2 kw	2.0 kw
DC Output		12V/8.3A	
Fuel Tank Capacity	2.1 L	3.0 L	4.1 L
Full load continuous running time	4.1 h	4.4 h	3.8 h
Noise level (7m)	58 dB(A)	58 dB(A)	60 dB(A)
Dimensions (LxWxH)	395x209x355 mm	448x236x392 mm	525x282x457 mm
Net Weight	10.2kg	15kg	21kg

SPECIFICATION	XYG2200i	XYG2600iE	XYG3500iE	XYG6500iE
Engine Model	156F	152F-3	157F	188F
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder			
Starting System	Recoil	Recoil/Electric	Recoil/Electric	Recoil/Electric
Displacement	113cc	125cc	149.5cc	389cc
Bore X Stroke	56x46mm	52.4x57.8mm	57.4x57.8mm	88x64mm
Rated Frequency	50Hz/60Hz			
Rated Voltage	230V/120V			
Rated Power	2.0 kw	2.3 kw	3.0 kw	6.0 kw
Max. Power	2.2 kw	2.6 kw	3.5 kw	6.5 kw
DC Output	12V/8.3A			
Fuel Tank Capacity	4.1 L	7.5 L	7.5 L	18.5 L
Full load continuous running time	3.2 h	5 h	4.1 h	4.5 h
Noise level (7m)	62 dB(A)	62 dB(A)	62 dB(A)	65 dB(A)
Dimensions (LxWxH)	525x282x457mm	614x341x506mm	614x341x506mm	750x537x630mm
Net Weight	21kg	36kg	36.5kg	98kg



**SPECIFICATION**

**GS950i**

Engine Model	139F
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder
Starting System	Recoil
Displacement	40cc
Bore X Stroke	39 x 33.5mm
Rated Frequency	50Hz/60Hz
Rated Voltage	230V/120V
Rated Power	0.7 kw
Max. Power	0.8 kw
DC Output	12V/8.3A
Fuel Tank Capacity	2.1 L
Full load continuous running time	4.1 h
Noise level (7m)	56dB(A)
Dimensions (LxWxH)	395x221x345mm
Net Weight	10.5kg



**SPECIFICATION**

**GS1800i**

**GS2200i**

Engine Model	147F	156F
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder	
Starting System	Recoil	Recoil/Electric
Displacement	74.6cc	114cc
Bore X Stroke	47 x 43mm	56 x 46mm
Rated Frequency	50Hz/60Hz	
Rated Voltage	230V/120V	
Rated Power	1.5 kw	2.0 kw
Max. Power	1.8 kw	2.2 kw
DC Output	12V/8.3A	
Fuel Tank Capacity	3.5 L	4.1 L
Full load continuous running time	3.4 h	3.2 h
Noise level (7m)	58dB(A)	
Dimensions (LxWxH)	473x263x413mm	525x282x440mm
Net Weight	17.5kg	21.5kg





Bright Chartreuse Chinese Red Reflex Blue



The most portable genset

You will experience "zero gravity" when you move it

**Balance master**



SPECIFICATION	SE2000i(E)	SE4500i(E)
Ignition System	CDI	
Engine Type	4-stroke gasoline OHV, Forced air, Inclined, single cylinder	
Starting System	Recoil / Electric	
Displacement	79cm <sup>3</sup>	212cm <sup>3</sup>
Bore X Stroke	48.6mm x 43mm	70mm x 55mm
USB	5V, 2A/1A	
Rated Frequency	50Hz/60Hz	
Rated Voltage	100-240V	
Rated Output	1.8 kw	3.7 kw
Maximum Output	2.1 kw	4.2 kw
DC Output	12V/8A	
Fuel Tank Capacity	4.2L(1.11 US gal)	13L(3.43 US gal)
Operation Hours	3.5 h@rated load	6 h@rated load
Noise level (4m)	92 dB(A)	
Dimensions (LxWxH) (mm)	530x320x430	650x475x550
Dry Weight	24kg/26kg(53lbs/57lbs)	48kg



SPECIFICATION	HY1000Si	HY2000Si
Oil Model	SE 15W-30	
Engine Type	4-stroke, overhead valve, single cylinder, forced-air cooling	
Starting System	Recoil Starter	
Displacement	53.2cm <sup>3</sup>	95cm <sup>3</sup>
Bore X Stroke	43.5 x 35.8mm	48.6 x 43mm
Compression Ratio	8.5:1	7.6:1
Rated Frequency	50Hz	
Rated Voltage	220V	230V
Rated Power	0.9 kw	2.0 kw
Max. Power	1.0 kw	2.2 kw
DC Output	12V/5A	
Fuel Tank Capacity	2.2L	3.8 L
Full load continuous running time	3 h	4 h
Noise level (7m)	54-59 dB(A)	
Dimensions (LxWxH) (mm)	456x250x379	507x451x285
Net Weight	14kg	20kg







**SPECIFICATION**

**ATP-168**

Battery capacity	40000mAh/148Wh
Dimensions (LxWxH)	210x90x190mm
Dry Weight	1.64Kg
Built-in battery technology	Lithium Ion Battery
Recharge	Power distributor: DC19V/1.5A Solar charging, 16.6V~25V, maximum 1.5A charging
Charging time	DC 19V:~7h
Output	USB1(black)+USB2(black) 5V 3.1A USB3 (blue) 5V/9V/12V 2.1A USB C 5V/9V/12V 2.1A DC1+DC2 12V~16.6V 10A(13A MAX)
DC power	12V~16.6V/10A(13 Max)
AC Output	AC100V~240V/50Hz~60Hz
illumination	LED
Battery indicator	LED screen battery column display
Operating temperature	-10 C -40 C
Cycle life	>500



**SPECIFICATION**

**OPS-300**

Battery capacity	96000mAh/345Wh
Dimensions (LxWxH)	225x120x215mm
AC Output Power	300W
AC Output Voltage	110V/200V-50Hz/60Hz
USB1/USB2 Output	5V/2.1A
QC 3.0 Output	5V/3A 9V/2A 12V/1.5A(PD18W)
DC Output	12V~16.8V/8A~12A
DC power	5V~24V/5A
Type-C Output/input	5V/2.4A 9V/3A 12V/3A 15V/3A 20V/5A
LED	7W



**SPECIFICATION**

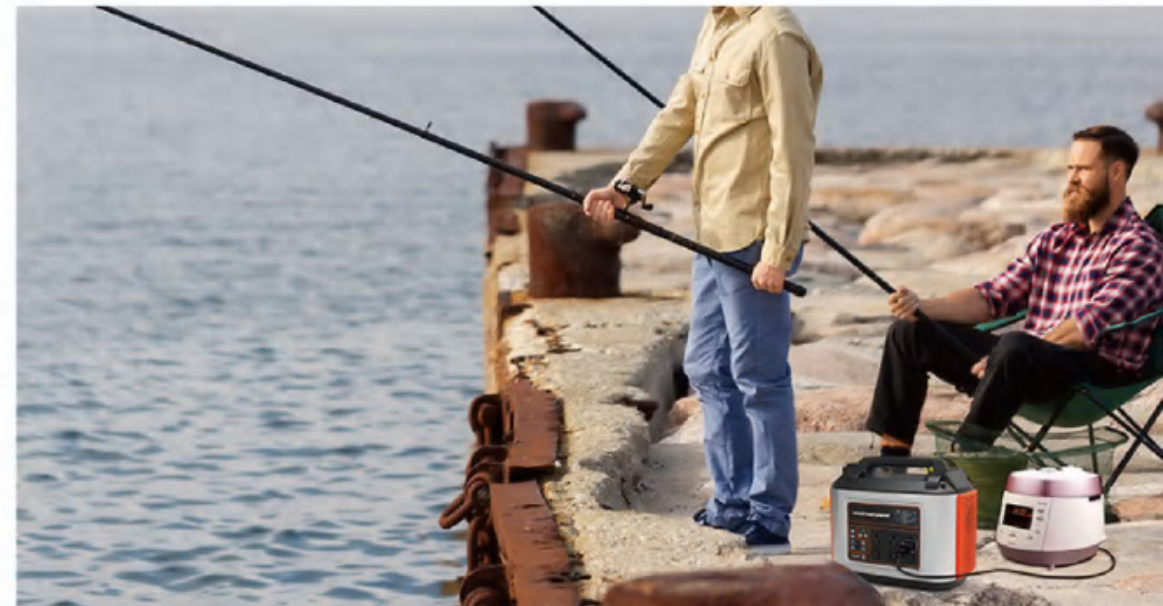
**T500**

Battery capacity	135000mAh/486Wh
Dimensions (LxWxH)	311x182x256mm
Dry Weight	5.5Kg
Built-in battery technology	Ternary lithium ion 18650 battery
Recharge	Power distributor: DC19V/3.75A Solar charging: DC18V~22V/3.75A
Charging time	DC 19V/3.75A:7-8h
Output	3xUSB 5V/2.4A 1xUSB QC3.0 5~12V/2.25A 1xType-c QC3.0,PD 60W,1xType-c QC 3.0,PD 27W
DC Output	2x5.5x2.1MM 12V/10A
AC Output	AC 110V/220V±5V 50/60Hz±3Hz
AC output power	Rated power: 500W Peak power: 750W
LED	7W height LED/SOS/strobe
Operating temperature	-10 C -40 C
Cycle life	>500

**SPECIFICATION**

**DC-500**

Battery capacity	153600mAh/500Wh
Dimensions (LxWxH)	275x170x215mm
Dry Weight	5Kg
DC input	20V-5A(12V-24V)
Car charger output port	12V-12A
AC Output	220V-3A 50Hz 500W-1000W
USB Output	2*5V=2.4A(QC3.0)
Battery	Lithium Ion Battery
Charging temperature	0-40 C
Operating temperature	10 C -40 C
Cycle life	≥800



## PRODUCT INTRODUCTION



- Powerful commercial level RATO 4-stroke gasoline engine with low vibration, low CO & NO emission
- Continuously supplying Clean & Pure Current
- Automatic low oil shutdown system to protect engine
- Wheel kit available for easy transportation
- All models equipped with AVR (Automatic Voltage regulator)
- Overload circuit breaker to protect generator and appliances



SPECIFICATION	M1000	M2200	M2800	M3000
Engine Model	M100	M200	M200	M210
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder			
Starting System	Recoil Start			
Displacement(cc)	99	196	196	212
Bore X Stroke	56 x 40mm	68 x 54mm	68 x 54mm	70 x 55mm
Compression Ratio	8.5:1			
Rated Frequency	50Hz/60Hz			
Rated Voltage	230V / 120V			
Rated Power	0.9 kw	2.0 kw	2.5 kw	2.7 kw
Max. Power	1.0 kw	2.2 kw	2.8 kw	3.0 kw
DC Output	12V/8.3A			
Fuel Tank Capacity	4 L	12 L	12 L	12 L
Full load continuous running time	5.5 h	10 h	8 h	7 h
Noise level (7m)	64 dB(A)	66 dB(A)	68 dB(A)	70 dB(A)
Dimensions (LxWxH) (mm)	460x360x420	593x465x458	593x465x458	593x465x458
Net Weight	27.5kg	41kg	43kg	45kg



## PRODUCT INTRODUCTION

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SPECIFICATION	M5500	M6000	M7000
Engine Model	M390	M420	M440
Engine Type	Air-cooled, 4-stroke, OHV, Single cylinder		
Starting System	Recoil / Electric starter		
Displacement	389cc	420cc	438cc
Bore X Stroke	88 x 64mm	90 x 66mm	92 x 66mm
Compression Ratio	8.5:1		
Rated Frequency	50Hz/60Hz		
Rated Voltage	230V/120V		
Rated Power	5.0kw	5.5kw	6.3kw
Max. Power	5.5kw	6.0kw	6.8kw
DC Output	12V/8.3A		
Fuel Tank Capacity	25L	25L	25L
Full load continuous running time	8h	7h	5.5h
Noise level (7m)	72dB(A)	74dB(A)	76dB(A)
Dimensions (LxWxH) (mm)	683x540x542	683x540x542	683x540x542
Net Weight	85kg	87kg	90kg



SPECIFICATION	M8500
Engine Model	M500V
Engine Type	Air-cooled,, 4-stroke, OHV, Single cylinder
Starting System	Recoil / Electric starter
Displacement(cc)	499.6
Bore X Stroke	94 x 72mm
Compression Ratio	8.5:1
Rated Frequency	50Hz/60Hz
Rated Voltage	230V/120V
Rated Power	7.8 kw
Max. Power	8.5 kw
DC Output	12V/8.3A
Fuel Tank Capacity	25 L
Full load continous running time	5 h
Noise level (7m)	80 dB(A)
Dimensions (LxWxH) (mm)	683x540x542
Net Weight	102kg

SPECIFICATION	M10000	M12000	M18000	M20000
Engine Model	M194	R670	2V80	2V90
Engine Type	Air-cooled,4-stroke, OHV, Single cylinder	V-Twin cylinder, 4–stroke, OHV		
Starting System	Electric starter			
Displacement(cc)	490	670	764	999
Bore X Stroke	94 x 68mm	78 x 70mm	80 x 76mm	90 x 78.5mm
Compression Ratio	8.5:1			
Rated Frequency	50Hz/60Hz			
Rated Voltage	230V/120V			
Rated Power	9.3 kw	10.0 kw	14.0 kw	18 kw
Max. Power	10.0 kw	11.0 kw	15.0 kw	20 kw
Fuel Tank Capacity	25 L	25 L	30 L	30 L
Full load continous running time	10 h	8 h	8 h	8 h
Noise level (7m)	72 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)
Dimensions (LxWxH) (mm)	720x560x580	950x620x650	950x620x650	1050x680x700
Net Weight	90kg	172kg	173kg	215kg



SPECIFICATION	MN2500B	MN3000B	MN3800B	MN5000B	MN6500B	MN2500S	MN3000S	MN3800S	MN5000S	MN6500S	MN2500H	MN3000H	MN3800H	MN5000H	MN6500H
Engine Type	CST168	CST200	CST270	CST340	CST390	CST168	CST200	CST270	CST340	CST390	CST168	CST200	CST270	CST340	CST390
Starting System	Recoil / Electric starter					Recoil / Electric starter					Recoil / Electric starter				
Rated Frequency	50Hz/60Hz					50Hz/60Hz					50Hz/60Hz				
Rated Voltage	110V/240V					110V/240V					110V/240V				
Rated Power	2000VA 2300VA	2500VA 2800VA	2800VA 3100VA	4000VA 4500VA	5000VA 5500VA	2000VA 2300VA	2500VA 2800VA	2800VA 3100VA	4000VA 4500VA	5000VA 5500VA	2000VA 2300VA	2500VA 2800VA	2800VA 3100VA	4000VA 4500VA	5000VA 5500VA
Max. Power	2200VA 2500VA	2800VA 3100VA	3100VA 3500VA	4500VA 5000VA	5500VA 6000VA	2200VA 2500VA	2800VA 3100VA	3100VA 3500VA	4500VA 5000VA	5500VA 6000VA	2200VA 2500VA	2800VA 3100VA	3100VA 3500VA	4500VA 5000VA	5500VA 6000VA
Fuel Tank Capacity	15 L			25 L		15 L			25 L		15 L			25 L	
DC output	12V/8.3A					12V/8.3A					12V/8.3A				
Noise level (7m)	68 dB(A)			72 dB(A)		68 dB(A)			72 dB(A)		68 dB(A)			72 dB(A)	
Dimensions (LxWxH) (mm)	590x445x445			680x510x540		590x445x445			855x540x540		590x425x445			680x510x540	
Net Weight	39kg	42kg	70kg	80kg	83kg	39kg	42kg	70kg	80kg	83kg	39kg	42kg	70kg	80kg	83kg



# ENGINE SPARE PARTS