



YANMAR

PRODUCTS GUIDE

POWER EQUIPMENT



HORIZONTAL DIESEL ENGINES

TF/TS series

Max. Output 4.4~16.9kW

- Horizontal, 4-cycle, water cooled diesel engine.
- Direct fuel injection produces dynamic power.
- Fuel used to maximum effect.
- Dramatic drop in oil consumption.
- Better lube system improves reliability.
- Easy operation, simple servicing less vibration, low noise level.



TF160

SPECIFICATIONS

Engine Model	TF70H	TF70	TF70L	TF90MH	TF90M	TF90ML
No. of Cylinders			1			
Bore x Stroke	mm	Φ78 x 80			Φ85 x 87	
Displacement	liter	0.382			0.493	
Maximum Engine Speed	min ⁻¹ (rpm)	2400			2400	
Rated Output Output	kW[hp]	5.2 [7.0]			7.0 [9.5]	
Engine Dry mass	kg	65	67.5	90	91	
Dimensions Length × Width × Height	mm	607.5 × 311 × 469		672 × 335.5 × 496		

Engine Model	TF120MH	TF120M	TF120ML	TF160H	TF160	TF160L
No. of Cylinders			1			
Bore x Stroke	mm	Φ92 x 96			Φ102 x 105	
Displacement	liter	0.638			0.857	
Maximum Engine Speed	min ⁻¹ (rpm)	2400			2400	
Rated Output Output	kW[hp]	8.8 [12.0]			11.8 [16.0]	
Engine Dry mass	kg	107	106.5	113.5	133.5	140
Dimensions Length × Width × Height	mm	688.5 × 352.5 × 530	752 × 352.5 × 530	766 × 379.5 × 621	789 × 379.5 × 621	

Engine Model	TS190	TS190R	TS190RE	TS230	TS230R	TS230RE
No. of Cylinders			1			
Bore x Stroke	mm	Φ110 x 106			Φ112 x 115	
Displacement	liter	1.007			1.132	
Maximum Engine Speed	min ⁻¹ (rpm)	2200			2200	
Rated Output Output	kW[hp]	14.0 [19.0]			16.9 [23.0]	
Engine Dry mass	kg	187	192	202	196	203
Dimensions Length × Width × Height	mm	894.5 × 454.5 × 660		963.5 × 467.5 × 657	1056.5 × 467.5 × 657	

HORIZONTAL DIESEL ENGINES

CY series

Max. Output 13.2~16.2kW

- Horizontal, 4-cycle, water cooled diesel engine.
- Direct fuel injection produces dynamic power.
- Fuel used to maximum effect.
- Dramatic drop in oil consumption.
- Better lube system improves reliability.
- Easy operation, simple servicing less vibration, low noise level.

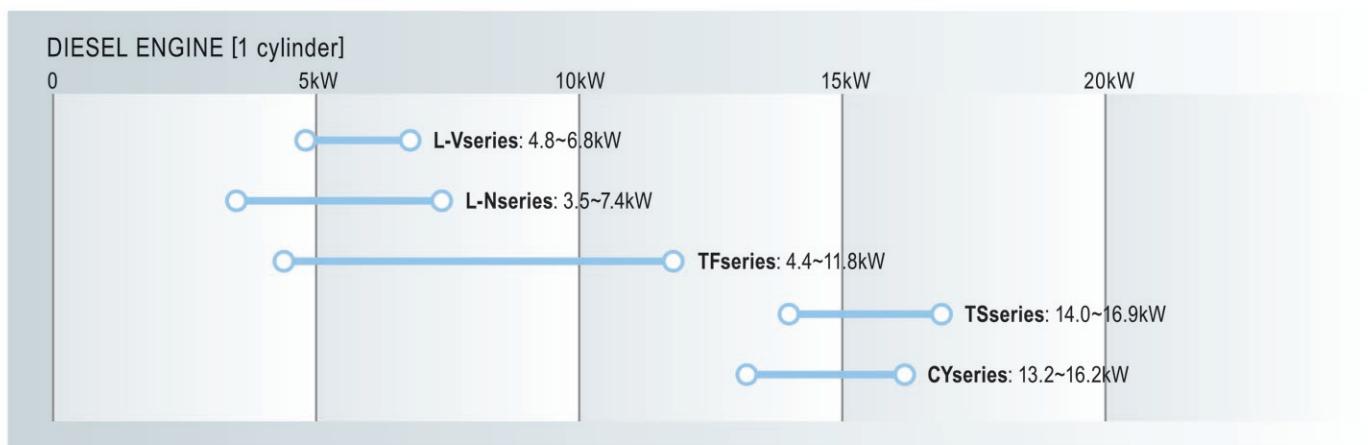


CY1105

SPECIFICATIONS

Engine Model	CY1105	CY1105M	CY1115P	CY1115PE
No. of Cylinders			1	
Bore x Stroke	mm	Φ105 x 115		Φ115 x 115
Displacement	liter	0.995		0.995
Maximum Engine Speed	min ⁻¹ (rpm)	2200		2200
Rated Output Output	kW[hp]	13.2 [17.9]		16.2 [22.0]
Engine Dry mass	kg	150	165	190
Dimensions Length × Width × Height	mm	854 × 642 × 434	927 × 642 × 434	895 × 689 × 451

Note: When specification varies, the above engine speed and rated output will vary accordingly.



AIR COOLED DIESEL ENGINES

L-V series

Max. Output 4.8~6.8kW

- Vertical cylinder, 4-cycle, air-cooled diesel engine.
- L-Vseries meets EPA's strict Tier 2.
- Compact, Direct injection Engine
= Easy installation & Low Fuel Consumption.
- Low Vibration and Low Noise.
- Quick and Easy Start.



L100V

SPECIFICATIONS

Engine Model	L70V			L100V	
No. of Cylinders				1	
Bore x Stroke	mm	$\Phi 78 \times 67$		$\Phi 86 \times 75$	
Displacement	liter	0.320		0.435	
Maximum Output	Engine Speed min ⁻¹ (rpm)	3600	3000	3600	3000
Output kW[hp]		4.8 [6.5]	4.4 [6.0]	6.8 [9.3]	6.3 [8.5]
Engine Dry mass	Electric Start / Recoil Start kg	41 / 36		53.5 / 48.5	
Dimensions	Length x Width x Height mm	378 x 422 x 453		412 x 471 x 494	

AIR COOLED DIESEL ENGINES

L-N series

Max. Output 3.5~7.4kW

- Vertical cylinder, 4-cycle, air-cooled diesel engine.
- Compact, Direct injection Engine
= Easy installation & Low Fuel Consumption.
- Low Vibration and Low Noise.
- A little engine built to stand up to hard work.
- Fast, effortless starts from a one-pull recoil starter.



L100N

SPECIFICATIONS

Engine Model	L48N		L70N		L100N	
No. of Cylinders				1		
Bore x Stroke	mm	$\Phi 70 \times 57$		$\Phi 78 \times 67$		$\Phi 86 \times 75$
Displacement	liter	0.219		0.320		0.435
Maximum Output	Engine Speed min ⁻¹ (rpm)	3600	3000	3600	3000	3600
Output kW[hp]		3.5 [4.7]	3.1 [4.2]	4.9 [6.7]	4.5 [6.1]	7.4 [10.0]
Engine Dry mass	Electric Start / Recoil Start kg	32 / 27		41 / 36		53.5 / 48.5
Dimensions	Length x Width x Height mm	332 x 384 x 417		378 x 422 x 453		412 x 471 x 494



COMPACT DIESEL ENGINES

TNM series

Max. Output 14.1~17.6kW



SPECIFICATIONS

Engine Model	3TNM68				3TNM72			
Combustion	Indirect injection (IDI)							
No. of Cylinders	3							
Bore x Stroke	$\Phi 68 \times 72$				$\Phi 72 \times 74$			
Displacement	liter	0.784		0.903				
Maximum Rated Output	Engine Speed Output	min ⁻¹ (rpm) kW [hp]	3600 [14.1] [18.9]	3400 [13.5] [18.1]	3200 [12.8] [17.2]	3000 [12.6] [16.9]	3600 [17.6] [23.6]	3400 [16.5] [22.1]
Dry mass (back plate / SAE#6 bell housing)	kg	73/82				77/86		
Dimensions (back plate)	Length x Width x Height	mm	431 x 400 x 500				450 x 400 x 505	

- Vertical cylinder, 4-cycle, water-cooled diesel engine.
- Ultra-Compact and High Performance. [No.1 in class in Power Density]
- Low Noise & Vibration. [The Ladder Frame Structure]
- Environmentally Friendly. [Compliant with EPA Tier 4 in the U.S. and Extra-low Fuel Consumption]
- Easy Installation and Replacement, the Perfect fit for your Machine.

WATER COOLED DIESEL ENGINE

TNV series

Max. Output 9.9~72.0kW

- Vertical cylinder, 4-cycle, water-cooled diesel engine.
- Emission reduction (ie a cleaner engine).
- IDI engines: combustion chamber, fuel injection equipment mechanical pump.
- DI engines: nozzle installation angle, combustion chamber, fuel injection equipment (MP pump, fuel injection nozzle).
- Noise level reduction (ie a more silent engine)



3TNV76



3TNV88



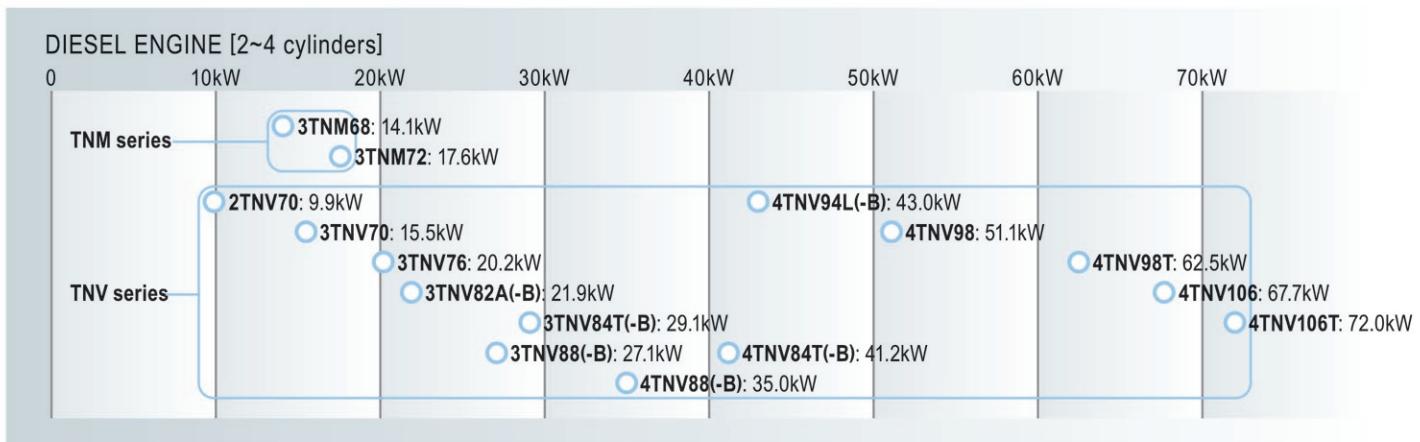
4TNV106T

SPECIFICATIONS

Engine Model	2TNV70		3TNV70		3TNV76			
Combustion	Indirect injection (IDI)							
No. of Cylinders	2				3			
Bore x Stroke	mm	$\Phi 70 \times 74$		$\Phi 76 \times 82$				
Displacement	liter	0.570	0.854		1.116			
Maximum Rated Output	Engine Speed Output	min ⁻¹ (rpm) kW[hp]	3600 9.9 [13.3]	3600 15.5 [20.8]	3600 20.2 [27.1]			
Dry mass (Back plate / Bell housing)	kg	73/84	87/98		94/112			
Dimensions	Length x Width x Height	mm	415 x 427 x 521	504 x 427 x 549	524 x 427 x 572			

Engine Model	3TNV82A (-B)	3TNV84T (-B)	3TNV88 (-B)	4TNV84T (-B)	4TNV88 (-B)	
Combustion	Direct injection (DI)					
No. of Cylinders	3				4	
Bore x Stroke	mm	$\Phi 82 \times 84$	$\Phi 84 \times 90$	$\Phi 88 \times 90$	$\Phi 84 \times 90$	$\Phi 88 \times 90$
Displacement	liter	1.331	1.496	1.642	1.995	2.190
Maximum Rated Output	Engine Speed Output	min ⁻¹ (rpm) kW[hp]	3000 21.9 [29.4]	2800 29.1 [39.0]	3000 27.1 [26.3]	3000 41.2 [55.2]
Dry mass (Back plate / Bell housing)	kg	111/128	150/159	138/148	165/170	155/165
Dimensions	Length x Width x Height	mm	528.5 x 498.5 x 561	615.7 x 517.5 x 652	564.5 x 517.5 x 622	655 x 517.5 x 685

Engine Model	4TNV94L (-B)	4TNV98(-Z)	4TNV98T(-Z)	4TNV106	4TNV106T				
Combustion	Direct injection (DI)								
No. of Cylinders	4								
Bore x Stroke	mm	$\Phi 94 \times 110$	$\Phi 98 \times 110$	$\Phi 106 \times 125$					
Displacement	liter	3.053	3.319	4.412					
Maximum Rated Output	Engine Speed Output	min ⁻¹ (rpm) kW[hp]	2500 43.0 [57.7]	2500 51.1 [68.5]	2500 62.5 [83.8]	2500 67.7 [90.8]	2200 72.0 [96.6]		
Dry mass (Back plate / Bell housing)	kg	-/235	-/235	-/245	-/320	-/340			
Dimensions	Length x Width x Height	mm	719 x 496 x 717	719 x 496 x 717	719 x 574 x 784	890 x 628 x 820	890 x 628 x 869		



TNMseries Power Pack



SPECIFICATIONS

Model		3TNM68 Power Pack					
Engine Speed		min ⁻¹ (rpm)		3600	3000	1800	1500
Industrial use -ASA, ASA2, ASA3	Intermittent	NET	kW[hp]	14.1 [18.9]	—	—	—
		Gross	kW	14.7	—	—	—
Generator use -HGE(3000/3600) -GGE(1500/1800)	Stand-by	NET	kW[hp]	14.2 [19.0]	12 [16.1]	7.3 [9.8]	6.1 [8.2]
		Gross	kW	15.2	12.6	7.4	6.2
Applicable generator capacity	Continuous	NET	kW[hp]	12.9 [17.3]	10.9 [14.6]	6.6 [8.8]	5.5 [7.4]
		Gross	kW	13.9	11.5	6.7	5.6
Applicable generator capacity		Stand-by	kVA	15.1	12.5	7.5	5.9
		Continuous	kVA	13.6	11.4	6.5	5.3
Dry mass (back plate / SAE#6 bell housing / SAE#5 bell housing)		kg	91/100/104				
Dimensions (back plate)		Length × Width × Height	mm	758×474×668			

TNVseries Power Pack



Genepack A



Genepack B

ENGINE SPEC. SELECTION CODE

Power Pack Group	Application	3TNV70	3TNV76	3TNV88(-B)	4TNV88(-B)	4TNV98(-Z)	4TNV98T(-Z)
Group A	General industrial use	—	-CS	-DS	-DS	-NS	-NS
	Generator use (open type)	4-pole	—	-GA	-GA	-GA	-GA
Group B	Generator use (enclosed type)	2-pole	-HB	-HB	—	—	—
		4-pole	—	-GB	-GB	-GB	-GB

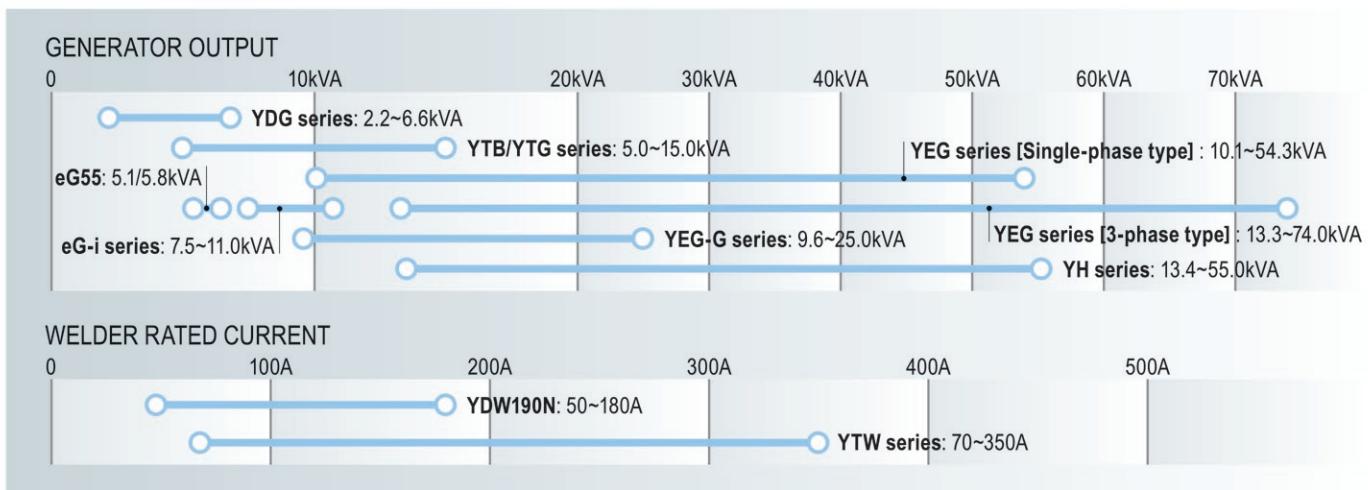
OUTPUT & DIMENSIONS / Industrial use

Engine Model	3TNV76	3TNV88(-B)	4TNV88(-B)	4TNV98(-Z)	4TNV98T(-Z)
Code	-CS	-DS	-DS	-NS	-NS
Rated Output kW/min ⁻¹ (rpm)	18.7/3200	26.8/3000	35.4/3000	50.7/2500	62.5/2500
Weight kg	128	181	211	280	284
Dimensions Length mm	814	821	1002	1041	938
Width mm	514	609	609	703	703
Height mm	696	792	824	940	927

OUTPUT & DIMENSIONS / Generator use

Engine Model	3TNV70	3TNV76	3TNV76	3TNV88(-B)	4TNV88(-B)	4TNV88(-B)	4TNV98(-Z)	4TNV98T(-Z)
Code	-HB	-HB	-GA	-GB	-GA	-GB	-GA	-GB
No. of Poles	2-pole			4-pole				
Frequency Hz @min ⁻¹ (rpm)	50 3000	60 3600	50 3000	60 3600	50 1500	60 1800	50 1500	60 1800
Engine Output Prime power rating kW	12.1	14.5	15.1	17.7	8.2	9.8	8.2	9.8
Rated output kW	13.3	16.0	16.5	19.5	9.0	10.7	9.0	10.7
Applicable Generator Capacity Prime power rating kVA	12.4	15.0	16.0	18.4	8.4	10.0	12.6	15.4
Rated output kVA	13.6	16.6	17.1	20.2	9.2	11.0	9.2	11.0
Weight kg	115	125	122	125	180	175	210	202
Dimensions Length mm	798	814	745	814	821	875	1002	1041
Width mm	518	518	518	518	609	609	609	703
Height mm	683	694	696	672	792	731	824	946

Note:When specification varies, the above engine speed and rated output will vary accordingly.



WATER COOLED DIESEL BRUSHLESS GENERATORS

YTB/YTG series

Generator Capacity **5.0~15.0kVA**

- Horizontal cylinder, 4-cycle, water cooled diesel engine generator.
- Brushless, self-exiting.
- Single phase / 2-wire and 3-phase / 4-wire.
- Open frame type.



YTB5.0S



YTG10S



YTG15T

SPECIFICATIONS

Model	YTB5.0S	YTG5.0S	YTG6.5S	YTG10S	YTG5.0T	YTG6.5T	YTG9.0T	YTG12.5T	YTG15T		
Generator	Type	Brushless, self-exitation system									
	Frequency	Hz	Available in either 50Hz or 60Hz								
	Capacity	kVA/kW	5.0/5.0	5.0/5.0	6.5/6.5	10.0/10.0	5.0/4.0	6.5/5.2	9.0/7.2	12.5/10.0	15.0/12.0
	No. of phase		Single phase (2 wire)								
Engine	Model	TF90M	TF90M	TF120M	TF160M	TF70M	TF90M	TF120M	TF160M	TS190R	
	Type		Horizontal, 4-cycle, water-cooled diesel engine								
	Rated output	kW/min ⁻¹ (rpm)	7.1/2400	7.1/2400	9.0/2400	11.9/2400	5.2/2400	7.1/2400	9.0/2400	11.9/2400	19/2200
Unit	Dry mass	kg	189(Manual start) 200(Electric start)	170	180	307	178	198	243	318	388

WATER COOLED DIESEL WELDERS

YTW series

Welder Rated Current **70A~350A**

- Horizontal cylinder, 4-cycle, water cooled diesel engine welder.
- Brushless, self-exiting.
- High frequency welder (220Hz) making ark as stable as that of DC welder.



YTW180



YTW350

SPECIFICATIONS

Model	YTW200	YTW250	YTW300	YTW350
A.C. Generator	Rated current A	180	230	280
	Welding current A	70-200	70-250	70-300
	Rated voltage V	29	32	34
	Welding rod size mm	2.6-4.0	2.6-5.0	2.6-6.0
	Auxiliary power (220V) kW	1.0 (220~240Hz)		
Engine	Model	TF120(E)	TF160(E)	TS190R(S)
	Type	Horizontal, 4-cycle		
	Cont. rating output kW/min ⁻¹ (rpm)	7.7/2400	10.3/2400	11.8/2200
	Dry mass	kg	220	290
Unit			355	400

AIR COOLED DIESEL GENERATORS**YDG series**

Generator Max. Capacity 2.2~6.0kVA

- 4-cycle, air cooled diesel engine generator.
- Open frame type.
- Voltage selection available from 120 to 240V for single phase models.



YDG2700N



YDG5500N

SPECIFICATIONS

Model	YDG2700N			YDG3700N			YDG5500N		YDG6600TN	
Generator	Type	Revolving field type 2 pole generator								
	Frequency	Hz	50	60	50	60	50	60	50	60
	Max. AC output	kVA	2.2	2.7	3.2	3.7	4.6	5.5	5.5	6.6
	No. of phase		Single phase				3-phase (single)			
Engine	Model	L48N5/6-G(E)Y			L70N5/6-G(E)Y			L100N5/6-G(E)Y		
	Type	Vertical, 4-cycle, air-cooled diesel engine								L100N5/6-GEYT
Unit	Cont. rating output	kW/min ⁻¹ (rpm)	2.8/3000	3.1/3600	4.1/3000	4.4/3600	5.7/3000	6.6/3600	5.7/3000	6.6/3600
Unit	Dry mass (Starting system)	kg	55 (Recoil) / 64 (Electric)	70 (Recoil) / 82 (Electric)	95 (Recoil) / 108 (Electric)	95 (Recoil) / 108 (Electric)	- / 108 (Electric)			

AIR COOLED DIESEL PUMPS**YDP series**

Pump Max. Capacity 500~2100lit./min.

- 4-cycle, air-cooled diesel engine pump.
- 4 type available - fresh water / semi-trash / trash / diaphragm.
- Semi-trash pump handles water with gravel and trash below 20 mm dia.
- Trash pump handles water containing 20-31 mm dia. gravel.
- Diaphragm pump handles high viscosity fluid or water with 25-31 mm dia. gravel and sludge.



Fresh water pump



Semi-trash pump



Trash pump



Diaphragm pump

SPECIFICATIONS

Type	Fresh water pump			Semi-trash pump			Trash pump			Diaphragm pump	
Model	YDP20N	YDP30N	YDP40N	YDP20STN	YDP30STN	YDP40STN	YDP20TN	YDP30TN	YDP40TN	YDP20DN	YDP30DN
Pump	Suc. & discharge dia. mm	50	80	100	50	80	100	50	80	100	50
	Max. total head m	32	28	26.5	22.5	23	25	24	27	25	15
	Suction lift m		7		7			7		7	
	Max. capacity lit./min.	550	900	1300	550	850	1300	550	1150	1750	190
Engine	Model	L48NE		L70NE	L48NE		L70NE	L48NE	L70NE	L100NE	L48NE
	Type	4-stroke, air cooled diesel engine									
	Max. output kW/min ⁻¹ (rpm)	3.5/3600		4.9/3600	3.5/3600		4.9/3600	3.5/3600	4.9/3600	7.4/3600	3.5/3600
Unit	Dry mass kg	40	42	59	39	40	56	56	72	109	53
											60

AIR COOLED DIESEL WELDER GENERATOR**YDW series**

Current Range 50~180A

- 4-cycle, air cooled diesel engine welder-generator.
- Rectified DC welder with revolving field type AC generator.



YDW190N

SPECIFICATIONS

Model	YDW190N		
	Recoil	Dual start	
Welder	Rated output kW	4.37	
	Rated current A	165	
	Rated voltage V	26.5	
A.C. generator	Applicable electrode mm(in.)Φ	2.6~4.0 (0.10~0.16)	
	Rated output kW	2.3 (50Hz) / 2.7 (60Hz)	
	Type	Single cylinder, vertical, 4-cycle, air-cooled diesel engine	
Engine	Model	L100N6-GYW	L100N6-GEYW
	Max. output kW(hp)/min ⁻¹ (rpm)	7.4(10.0)/3600	
	Unit Dry mass kg	107	120



AIR COOLED DIESEL GENERATORS

eG55

[2-Pole, Single-phase, Silent type]

Generator Output 5.1/5.8kVA

- 4-cycle, air cooled diesel engine generator.
- Silent type available.
- Voltage selection available from 110,220,230,240V for single phase models.



eG55N

SPECIFICATIONS

Model	eG55N			
Generator	Type	Self exciting, field rotating, AVR		
	Frequency Hz	50	60	
	Max. AC output kVA	5.1	5.8	
	No. of phase	Single phase		
Engine	Model	L100N5	L100N6	
	Type	Vertical, air-cooled, 4-stroke diesel		
	Cont. rating output kW/min ⁻¹ (rpm)	5.7/3000	6.6/3600	
	Starting system / motor (V-kW)	Electric / 12-0.8		
Unit	Dry mass (Starting system) kg	171 (Electric)		

WATER COOLED DIESEL GENERATORS

YH series

[4-Pole, Three-phase, Silent type]

Generator Output 13.4~54.7kVA

- Brushless with new AVR.
- 4-cycle, water cooled diesel engine generator.
- 3-phase 4-wire, voltage selection available from 220 to 415V.
- Silent type available.



YH170DTLS



YH220DTLS~YH550DTLS

SPECIFICATIONS

Model			YH170DTLS		YH220DTLS		YH280DTLS		YH440DTLS		YH550DTLS		
Frequency			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
Generator	Output	Stand-by power rating	kVA	13.4	16.0/16.5	18.5	21.3/23.1	22.0	26.6/28.4	36.9	43.5/44.4	45.0	
		KW	10.7	12.8/13.2	14.8	17.0/18.5	17.6	21.3/22.7	29.5	34.8/35.5	36.0	38.2/43.8	
	Prime power rating	KVA	12.5	14.9/15.1	17.1	19.8/20.9	20.2	24.7/25.8	33.4	39.6/39.9	41.3	45.0/49.7	
		KW	10.0	11.9/12.1	13.7	15.8/16.7	16.2	19.8/20.6	26.7	31.7/31.9	33.0	36.0/39.8	
Phase and wire			3-phase, 4-wire										
Excitation			Brushless (with damper coil) AVR										
Engine	Model		3TNV88-GGEH		4TNV88-GGEH		4TNV84T-GGEH		4TNV98-GGEH		4TNV98T-GGEH		
	Type		Vertical, air-cooled, 4-stroke diesel										
	Cont. rating output kW		12.2	14.7	16.4	19.6	19.1	24.2	30.7	36.4	37.7	45.3	
	Rated output kW		13.2	16.2	18.0	21.6	21.0	26.8	34.1	40.8	41.4	50.1	
Unit	Revolution/min ⁻¹ (rpm)		1500	1800	1500	1800	1500	1800	1500	1800	1500	1800	
	Dry mass kg		691		870		885		950		960		

WATER COOLED DIESEL GENERATORS

YEG series

[Single-phase type] Generator Output 10.1/54.3kVA

- Brushless with new AVR.
- 4-cycle, water cooled diesel engine generator.
- Single-phase 2-wire or 3-wire, voltage selection available from 110 to 240V.
- Canopy type and Silent type available.



YEG200DSHS



YEG300DSHC



YEG170DSL



YEG450DLSL

SPECIFICATIONS: Single-phase / 2-pole

Model*1	Canopy type		YEG150DSHC		YEG200DSHC		YEG300DSHC		YEG400DSHC		YEG500DSHC		
	Silent type		YEG150DSHS		YEG200DSHS		YEG300DSHS		YEG400DSHS		YEG500DSHS		
	Frequency		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
Generator	Output	Stand-by power rating	kVA	10.1	12.2	12.8	15.2	19.2	22.3	26.6	30.4	34.3	
		kW	10.1	12.2	12.8	15.2	19.2	22.3	26.6	30.4	34.3	34.3	
		Prime power rating	kVA	9.1	11.0	11.7	13.8	17.5	20.3	24.1	28.0	30.4	
	Phase and wire		Single-phase, Two-wire										
	Excitation		Brushless (with damper coil) AVR										
Engine	Model*2	Canopy type		3TNV70-HGB2C		3TNV76-HGB2C		3TNE84-GB2C		4TNE84-GB2C		4TNE84T-GB2C	
		Silent type		3TNV70-HGB2B		3TNV76-HGB2B		3TNE84-GB2B		4TNE84-GB2B		4TNE84T-GB2B	
	Type		Vertical, 4-cycle, water-cooled diesel engine										
	Cont. rating output		kW	12.1	14.5	15.1	17.7	22.4	26.1	29.9	34.7	37.1	
	Rated output		kW	13.3	16	16.5	19.5	24.6	28.7	32.9	38.2	41.2	
Unit	Revolutios		min ⁻¹ (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000	
	Dry mass	Canopy type	kg	300		310		430		480		500	
	Silent type		kg	400		435		585		685		715	

SPECIFICATIONS: Single-phase / 4-pole

Model*1	Canopy type		YEG170DSL		YEG230DSL		YEG450DSDL		-		-		
	Silent type		YEG170DLSL		YEG230DSSL		YEG450DSSL		YEG650DSSL		YEG750DSSL		
	Frequency		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
Generator	Output	Stand-by power rating	kVA	10.8	13.0	14.4	17.3	28.2	33.5	38.6	45.5	45.7	
		kW	10.8	13.0	14.4	17.3	28.2	33.5	38.6	45.5	45.7	54.3	
		Prime power rating	kVA	9.8	11.8	13.1	15.7	25.2	29.8	35.1	41.3	41.5	
	Phase and wire		Single-phase, Two-wire										
	Excitation		Brushless (with damper coil) AVR										
Engine	Model*2	Canopy type		3TNV88-GGB1C		4TNV88-GGB1C		4TNV98-GGB1C		-		-	
		Silent type		3TNV88-GGB1B		4TNV88-GGB1B		4TNV98-GGB1B		4TNV106-GGB1B		4TNV106T-GGB1B	
	Type		Vertical, 4-cycle, water-cooled diesel engine										
	Cont. rating output		kW	12.2	14.9	16.5	19.9	30.7	36.4	44.9	53.3	51.4	61.5
	Rated output		kW	13.4	16.4	18.2	21.9	34.1	40.8	49.4	58.7	56.6	67.7
Unit	Revolutios		min ⁻¹ (rpm)	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800
	Dry mass	Canopy type	kg	440		515		715		-		-	
	Silent type	kg	kg	575		635		890		1210		1230	



WATER COOLED DIESEL GENERATORS

YEG series

[3-phase type] Generator Output 13.3~74.0kVA

- Brushless with new AVR.
- 4-cycle, water cooled diesel engine generator.
- 3-phase 4-wire, voltage selection available from 220 to 415V.
- Canopy type and Silent type available.



YEG200DTHS



YEG300DTHC



YEG170DTLC



YEG450DTLS

SPECIFICATIONS: 3-phase / 2-pole

Model*1: Suffix "-C" for canopy, and "-S" for silent type Model*2: Suffix "-C" for canopy, and "-B" for silent type

Model*1	Canopy type		YEG150DTHC		YEG200DTHC		YEG300DTHC		YEG400DTHC		YEG500DTHC			
	Silent type		YEG150DTHS		YEG200DTHS		YEG300DTHS		YEG400DTHS		YEG500DTHS			
	Frequency		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
Generator	Output	Stand-by power rating	kVA	13.3	16	16.9	20	25.2	29.4	35	40.1	45.2		
			kW	10.6	12.8	13.5	16	20.1	23.5	28	32	36.1		
		Prime power rating	kVA	12	14.5	15.3	18.2	23	26.8	31.8	36.9	40		
	Power rating		kW	9.6	11.6	12.3	14.5	18.4	21.4	25.4	29.5	32		
Phase and wire			3-phase, 4-wire											
Excitation			Brushless (with damper coil) AVR											
Engine	Model*2	Canopy type		3TNV70-HGB2C		3TNV76-HGB2C		3TNE84-GB2C		4TNE84-GB2C		4TNE84T-GB2C		
		Silent type		3TNV70-HGB2B		3TNV76-HGB2B		3TNE84-GB2B		4TNE84-GB2B		4TNE84T-GB2B		
	Type		Vertical, 4-cycle, water-cooled diesel engine											
	Cont. rating output		kW	12.1	14.5	15.1	17.7	22.4	26.1	29.9	34.7	37.1		
Rated output		kW	13.3	16	16.5	19.5	24.6	28.7	32.9	38.2	41.2			
Revolutios		min ⁻¹ (rpm)	3000	3600	3000	3600	3000	3600	3000	3600	3000			
Unit	Dry mass	Canopy type	kg	300		310		430		480		500		
	Silent type	kg	400		435		585		685		715			

SPECIFICATIONS: 3-phase / 4-pole

Model*1: Suffix "-C" for canopy, and "-S" for silent type Model*2: Suffix "-C" for canopy, and "-B" for silent type

Model*1	Canopy type		YEG170DTLC		YEG230DTLC		YEG450DTLC		-		-			
	Silent type		YEG170DTLS		YEG230DTLS		YEG450DTLS		YEG650DTLS		YEG750DTLS			
	Frequency		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
Generator	Output	Stand-by power rating	kVA	13.8	16.7	18.7	22.7	37.4	44.4	54.1	64.1	62.0		
			kW	11.1	13.4	14.9	18.1	29.9	33.5	43.3	51.3	49.6		
		Prime power rating	kVA	12.6	15.2	17.0	20.6	33.4	39.6	49.2	58.3	56.2		
	Power rating		kW	10.1	12.1	13.6	16.5	26.7	31.7	39.3	46.6	45.0		
Phase and wire			3-phase, 4-wire											
Excitation			Brushless (with damper coil) AVR											
Engine	Model*2	Canopy type		3TNV88-GGB1C		4TNV88-GGB1C		4TNV98-GGB1C		-		-		
		Silent type		3TNV88-GGB1B		4TNV88-GGB1B		4TNV98-GGB1B		4TNV106-GGB1B		4TNV106T-GGB1B		
	Type		Vertical, 4-cycle, water-cooled diesel engine											
	Cont. rating output		kW	12.2	14.9	16.5	19.9	30.7	36.4	44.9	53.3	51.4	61.5	
Rated output		kW	13.4	16.4	18.2	21.9	34.1	40.8	49.4	58.7	56.6	67.7		
Revolutios		min ⁻¹ (rpm)	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800		
Unit	Dry mass	Canopy type	kg	440		515		715		-		-		
	Silent type	kg	575		635		890		1210		1230			

WATER COOLED DIESEL GENERATOR

eG-i series **Inverter**

Generator Output **7.5~11.0kVA**

- Brushless with new AVR.
- 4-cycle, water cooled diesel engine generator.
- Single-phase 2-wire, voltage available 240V.



eG100i

SPECIFICATIONS

Model				eG100i	eG140i	
Frequency				50Hz / 60Hz	50Hz / 60Hz	
Generator	Output	Stand-by power rating	kVA	7.5	11.0	
		kW		7.5	11.0	
	Prime power rating	kVA		7.0	10.0	
		kW		7.0	10.0	
Phase and wire			Single-phase, 2-wire			
Excitation			PMG type			
Engine	Model		2TNV70-ASG		3TNM68-ASG	
	Type		Vertical, 4-cycle, water-cooled diesel engine			
	Cont. rating output	kW/min ⁻¹ (rpm)	8.5 / 3600		12.5 / 3600	
	Rated output	kW/min ⁻¹ (rpm)	9.3 / 3600		13.8 / 3600	
Revolutions			min ⁻¹ (rpm)			
Unit	Dry mass	kg	257		281	

GAS ENGINE GENERATORS

YEG-G series

Generator Output **9.6~25.2kVA**

- Brushless with new AVR.
- 4-cycle, water cooled gas engine generator.
- 3-phase 4-wire, voltage available 380V.



YEG160NTLC

SPECIFICATIONS

Model*1			Model*1: Suffix -"C" for canopy, and -"S" for silent type Model*2: Suffix -"C" for canopy, and -"B" for silent type										
Canopy type			YEG160NTLC	YEG160PTLC	YEG160NSLC	YEG160PSLC	YEG250NTHC	YEG250PTHC	YEG250NSHC	YEG250PSHC			
Silent type			YEG160NTLS	YEG160PTLS	YEG160NSLS	YEG160PSLS	YEG250NTHS	YEG250PTHS	YEG250NSHS	YEG250PSHS			
Frequency			50Hz / 60Hz			50Hz							
Generator	Output	Stand-by power rating	kVA	12.6/15.2		9.6/11.5		25.2		19.2			
		kW		10.1/12.1		9.6/11.5		20.1		19.2			
	Prime power rating	kVA		11.6/13.9		8.8/10.6		23.0		17.5			
		kW		9.3/11.1		8.8/10.6		18.4		17.5			
Phase and wire			3-phase, 4-wire			Single phase, 2 or 3 wire		3-phase, 4-wire		Single phase, 2 or 3 wire			
Excitation			Brushless (with damper coil) AVR										
Engine	Model*2	Canopy type	3GP88-GB1NC	3GP88-GB1PC	3GP88-GB1NC	3GP88-GB1PC	3GP88-GB2NC	3GP88-GB2PC	3GP88-GB2NC	3GP88-GB2PC			
		Silent type	3GP88-GB1NB	3GP88-GB1PB	3GP88-GB1NB	3GP88-GB1PB	3GP88-GB2NB	3GP88-GB2PB	3GP88-GB2NB	3GP88-GB2PB			
	Type			Vertical, 4-cycle, water-cooled gas engine									
	Cont. rating output	kW	11.3/13.6			22.3							
Rated output			12.3/14.8			24.5							
Revolution			min ⁻¹ (rpm)			1500/1800							
Fuel			Natural gas	Propane gas	Natural gas	Propane gas	Natural gas	Propane gas	Natural gas	Propane gas			
Unit	Dry mass	kg	430 (Canopy type) · 565 (Silent type)										

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