

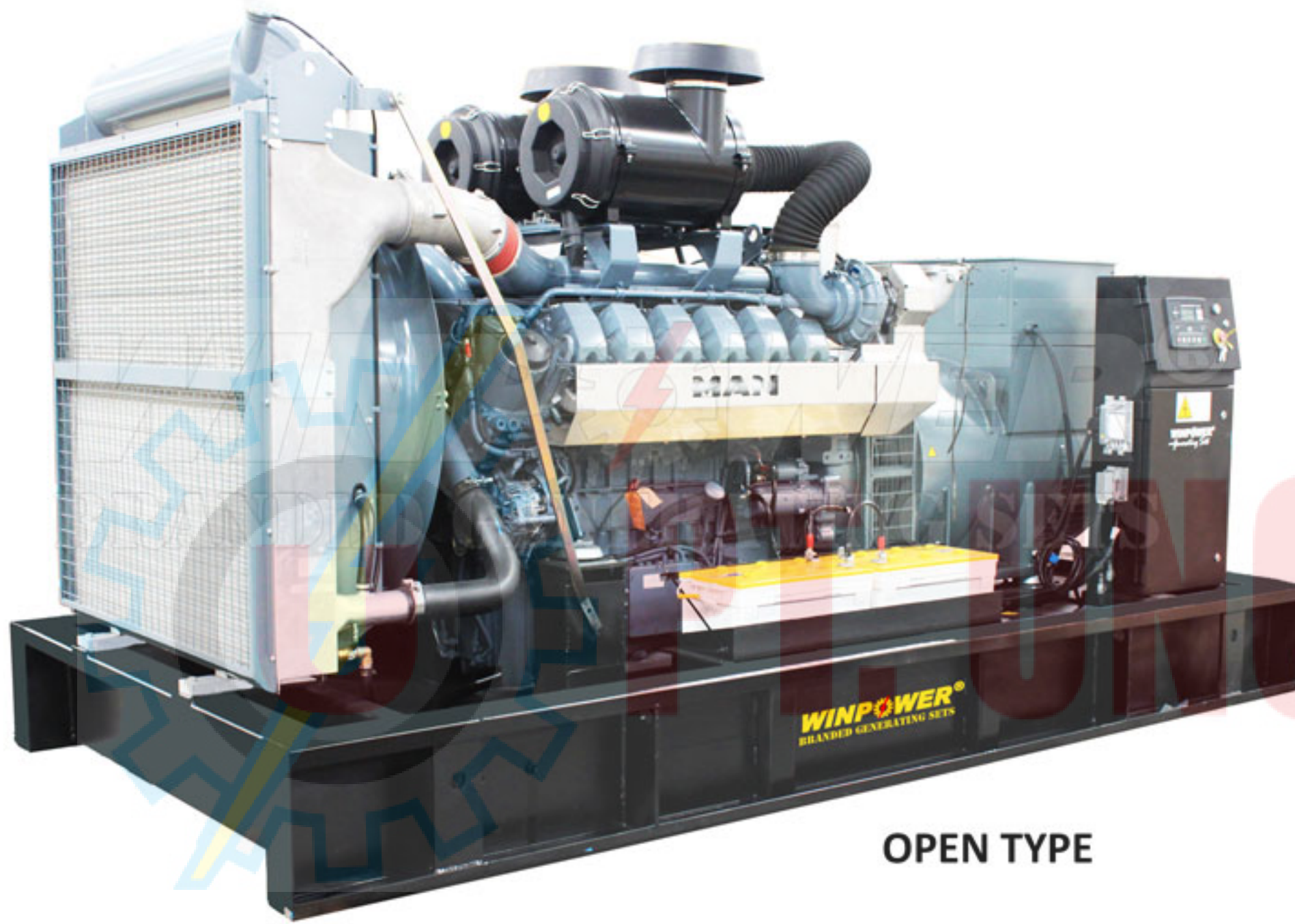
WINPOWER®

BRANDED GENERATING SETS



50 Hz Genset

315 - 1000 KVA GENSET



OPEN TYPE



SILENT TYPE



MAXIMUM EFFICIENCY,
MINIMUM FUEL
CONSUMPTION RATES,
EXCELLENT POWER
DENSITIES & MAXIMUM
RELIABILITY

NO LOSING POWER
AFTER LONG TIME
OPERATION

100% **COPPER**
WIRE GENERATOR

100% TRUE
OUTPUT POWER

POWDER COATING
PAINTING



670 KVA PRIME MAN
WP 810 MAN, OPEN TYPE GENSET



1000 KVA ESP MAN
WP 1000 MAN, SILENT TYPE GENSET

For more Genset images,
please see our website

MAN

315 - 700 KVA GENSET SPECIFICATIONS

MODEL		WP 410 MAN	WP 510 MAN	WP 510 MAN-2	WP 630 MAN	WP 700 MAN	
GENERATOR	Type	Direct coupling, brushless					
	Insulation	Class H					
	Frequency	50 Hz					
	Voltage	230 / 400 V					
	Phase – Wires – Power factor	3 phases – 4 wires – cosphi 0,8					
	Power	ESP	410	510	510	630	700
	PRIME	315	400	400	500	550	
	ESP	kVA					
	PRIME	kVA					
ENGINE	Engine model	MAN	D2866LE203 (ESP) / D2866LE201 (PRIME)	D2876LE203 (ESP) / D876LE201 (PRIME)	D2676LE223 (ESP) / D2676LE221 (PRIME)	D2840LE203 (ESP) / D2840LE201 (PRIME)	D2840LE213 (ESP) / D2840LE211 (PRIME)
	Type	Diesel 4 stroke					
	Aspiration and cooling	Turbocharger & intercooler					
	Speed governor	Electronic					
	Compression ratio	15,5 : 1					
	Cylinder – Arrangement	6 – Inline					
	Bore x stroke	mm	128 x 155	128 x 166	126 x 166	128 x 142	128 x 142
	Total displacement	L	11,967	12,82	12,42	18,27	18,27
	Engine Power Output at Rated rpm	kWm	360 / 280	451 / 355	440 / 360	545 / 451	610 / 495
	FUEL SYSTEM	Consumption at Full Load	g/kWh	201 / 195	212 / 209	193 / 196	199 / 196
Fuel tank capacity (Open Type / Silent Type)		L	For 8 hours operation				
LUB OIL SYSTEM	Oil capacity	L	40	40	40	30	32
COOLANT	Coolant capacity (engine only)	L	35	35	58	65	80
AIR for COMBUSTION - ENGINE		m3/h	1360 / 1210	1475 / 1300	1630 / 1530	1870 / 1680	2445 / 2010
EXHAUST GAS FLOW		m3/h	3820 / 3255	4675 / 4040	4240 / 4037	5515 / 4850	7345 / 5790
CONTROL SYSTEM	Type	AMF (Auto Mains Failure control module) – 12/24 VDC – MCCB / ACB output protection – CANbus system					
	Basic function	Indication: LN/LL voltage, L1/L2,L3 current, Frequency, Power (kW, kVA, kVAR, kWh, kVAh, kVArh), Rpm, Oil pressure, Coolant temperature, Hours run, Charging voltage, Battery voltage. Shutdown with indication: Over voltage, Under voltage, Over frequency, Under frequency, Overload, Short circuit, High water temperature, Low oil pressure.					
DIMENSIONS (OPEN / SILENT TYPE)	Length	mm	2150 / 3250	3400 / 4400	3400 / 4400	3670 / 5500	3670 / 5500
	Width		1200 / 1200	1600 / 1700	1600 / 1700	2200 / 2200	2200 / 2200
	Height		2100 / 2200	2100 / 2200	2100 / 2200	2100 / 2200	2100 / 2200

ESP = Emergency Standby Power

Specifications are subject to change without notice

MAN

630 - 1000 KVA GENSET SPECIFICATIONS

MODEL		WP 730 MAN	WP 810 MAN	WP 1000 MAN	--	--	
GENERATOR	Type	Direct coupling, brushless					
	Insulation	Class H					
	Frequency	Hz	50				
	Voltage	V	230 / 400				
	Phase – Wires – Power factor		3 phases – 4 wires – cosphi 0,8				
	Power	ESP	kVA	730	810	1000	
PRIME		kVA	630	670	800		
Engine model		MAN	D2842LE203 (ESP) / D2842LE201 (PRIME)	D2842LE213 (ESP) / D2842LE211 (PRIME)	D2862LE223 (ESP) / D2862LE221 (PRIME)		
ENGINE	Type	Diesel 4 stroke					
	Aspiration and cooling	Turbocharger & intercooler					
	Speed governor	Electronic					
	Compression ratio		15,5 : 1	15,5 : 1	17 : 1		
	Cylinder – Arrangement		12 V	12 V	12 V		
	Bore x stroke	mm	128 x 142	128 x 142	128 x 157		
	Total displacement	L	21,927	21,927	24,24		
	Engine Power Output at Rated rpm	kWm	633 / 543	702 / 590	880 / 700		
FUEL SYSTEM	Consumption at Full Load	g/kWh	196 / 195	206 / 202	192 / 192		
	Fuel tank capacity (Open Type / Silent Type)	L	For 8 hours operation				
LUB OIL SYSTEM	Oil capacity	L	32	32	102		
COOLANT	Coolant capacity (engine only)	L	75	75	60		
AIR for COMBUSTION - ENGINE		m3/h	2395 / 2285	2770 / 2370	2670 / 2215		
EXHAUST GAS FLOW		m3/h	6615 / 6250	8315 / 6935	8150 / 6625		
CONTROL SYSTEM	Type	AMF (Auto Mains Failure control module) – 12/24 VDC – MCCB / ACB output protection – CANbus system					
	Basic function	Indication: LN/LL voltage, L1/L2,L3 current, Frequency, Power (kW, kVA, kVAR, kWh, kVAh, kVARh), Rpm, Oil pressure, Coolant temperature, Hours run, Charging voltage, Battery voltage. Shutdown with indication: Over voltage, Under voltage, Over frequency, Under frequency, Overload, Short circuit, High water temperature, Low oil pressure.					
DIMENSIONS (OPEN / SILENT TYPE)	Length	mm	3670 / 5500	3670 / 5500	4000 / 6000		
	Width		2200 / 2200	2200 / 2200	2000 / 2400		
	Height		2100 / 2200	2100 / 2200	2200 / 2265		

ESP = Emergency Standby Power

Specifications are subject to change without notice

GENSET MAINTENANCE CHART

SYSTEM	MAINTENANCE MODEL	MAINTENANCE CONTENTS	DAILY or every 20 hours	WEEKLY	MONTHLY	3 MONTHS or 100 hours	6 MONTHS or 200 hours	12 MONTHS or 800 hours	24 MONTHS or 2000 hours	
Lubrication System *	Check	Any leakage	✓	✓	✓	✓	✓	✓	✓	
		Lube-oil level	✓	✓	✓	✓	✓	✓	✓	
	Replace	Engine oil pressure				Every 12 months				
		Lube-oil filter					✓	✓	✓	✓
		Lube-oil					✓	✓	✓	✓
Clean	Lube-oil and Lube-oil filter			Oil and oil filter need to be changed for first 50 hours for new or overhauled engine						
Cooling System	Check	Breather of crankcase					✓	✓	✓	
		Any leakage	✓	✓	✓	✓	✓	✓	✓	
		Any block of radiator			✓	✓	✓	✓	✓	✓
		Pipes and connectors			✓	✓	✓	✓	✓	✓
		Coolant level		✓	✓	✓	✓	✓	✓	✓
		Anti freeze and anti corrosive			✓	✓	✓	✓	✓	✓
		Strap and it's degree of tightness					✓	✓	✓	✓
	Add	Fan driver and water pump					✓	✓	✓	✓
		Belt and fan driver of radiator (Optional for Remote pulley type radiators)				Every 250 hours				
		Lubricator of fan driver (Optional for Remote pulley type radiators)			500 hours		✓	✓	✓	✓
Air Induction System	Check	Coolant				Every 12 months				
		Cooling system								
	Replace	Air induction			✓	✓	✓	✓	✓	
Fuel System	Check	Air filter		✓	✓	✓	✓	✓	✓	
		Pipes and connectors				✓	✓	✓	✓	
	Check	Air filter core			✓	✓	✓	✓	✓	
		Any leakage	✓	✓	✓	✓	✓	✓	✓	
		Fuel Level		✓	✓	✓	✓	✓	✓	
Exhaust System	Clean	Nozzle of fuel pump			✓	✓	✓	✓	✓	
		Pipes and connectors				✓	✓	✓	✓	
	Replace	Fuel pump			✓	✓	✓	✓	✓	
		Drain fuel tank			✓	✓	✓	✓	✓	
Electrical System	Check	Drain water separator				✓	✓	✓	✓	
		Fuel filter					✓	✓	✓	
	Check	Any leakage				✓	✓	✓	✓	
Exhaust restriction					✓	✓	✓	✓		
Others	Check	Exhaust bolting				✓	✓	✓	✓	
		Battery		✓	✓	✓	✓	✓	✓	
	Clean	Switch and alarm		✓	✓	✓	✓	✓	✓	
Operate the Genset under no load for 5 minutes (optional for Standby Gensets)	Check	Connector of start motor						✓	✓	
		Starter				Every 12 months				
	Check	Alternator				Every 12 months				
		Genset					✓	✓	✓	
		Ease of starting		✓						
Operate the Genset with more than 1/2 load for 15 minutes (Optional for Standby Gensets)	Check	Colour of exhaust smoke		✓						
		Abnormal vibration		✓						
	Check	Abnormal noise		✓						
		Abnormal smell		✓						
		Parameter indication		✓						
Operate the Genset with more than 1/2 load for 15 minutes (Optional for Standby Gensets)	Check	Ease of starting				✓	✓	✓	✓	
		Colour of exhaust smoke				✓	✓	✓	✓	
	Check	Abnormal vibration				✓	✓	✓	✓	
		Abnormal noise				✓	✓	✓	✓	
		Abnormal smell				✓	✓	✓	✓	
Check	Parameter indication				✓	✓	✓	✓		
					✓	✓	✓	✓		

For the engines with manual added lubricant for fuel pump: Lubricant of fuel pump need to be checked once in every month; and the Lubricant shall be replaced once in each three months.



UKURAN DAN KAPASITAS MUAT UNTUK JENIS ARMADA TRUK DAN KONTAINER :

Gran Max Bak :
Ukuran Box : 235 cm x 167,5 cm x 150 cm
Volume : 5,9 m3
Berat Maksimal Muat : 1.500 kg / 1,5 Ton

Truk Box Ban Double - 6 Roda :
Ukuran Box : 400 cm x 190 cm x 185 cm
Volume : 14 m3
Berat Maksimal Muat : 4.000 kg / 4 Ton

Truk Bak Ban Double - 6 Roda :
Ukuran Box : 400 cm x 200 cm x 190 cm
Volume : 15 m3
Berat Maksimal Muat : 4.000 kg / 4 Ton

Truk Fuso Engkel Bak :
Ukuran Bak : 600 cm x 225 cm x 220 cm
Volume : 29 m3
Berat Maksimal Muat : 7.000 kg / 7 Ton

Truk Bak Tronton :
Ukuran bag. dalam box : 700 cm x 240 cm x 210 cm
Volume : 34 m3
Berat Maksimal Muat : 12.000 kg - 12 Ton

Truk Wing Box Tronton :
Ukuran bag. dalam box : 885 cm x 240 cm x 210 cm
Volume : 45 m3
Berat Maksimal Muat : 18.000 kg / 18 Ton

Kontainer Ukuran 20 Feet :
Ukuran Luar : 6,058 X 2,438 X 2,591 M
Ukuran Dalam : 5,898 X 2,352 X 2,385 M
Volume : 33,085 m3
Berat Maksimal Muat : 28,31 TON

Kontainer Ukuran 40 Feet :
Ukuran Luar : 12,192 X 2,438 X 2,591 M
Ukuran Dalam : 12,032 X 2,352 X 2,385 M
Volume : 67,494 m3
Berat Maksimal Muat : 28,87 TON

Kontainer Ukuran 40 Feet Hi-Cube:
Ukuran Luar : 12,192 X 2,438 X 2,896 M
Ukuran Dalam : 12,032 X 2,352 X 2,69 M
Volume : 76,125 m3
Berat Maksimal Muat : 28,69 TON

Kontainer Ukuran 45 Feet Hi-Cube:
Ukuran Luar : 13,716 X 2,438 X 2,896 M
Ukuran Dalam : 13,556 X 2,352 X 2,698 M
Volume : 86,022 m3
Berat Maksimal Muat : 27,63 TON

Our Other Products:

1. ATS Panel & Synchronization Panel



2. Monthly Fuel Tank (1500 - 13500 L)



3. Trailer



4. Spareparts



WINPOWER®

BRANDED GENERATING SETS

ENGINE BRAND:

HONDA 1,8 - 14 KVA

MITSUBISHI 4,5 - 2500 KVA

IVECO
FPT 60 - 420 KVA

Perkins 9 - 2500 KVA

mtu 500 - 3300 KVA

MWM
INTERNATIONAL 30 - 154 KVA

ISUZU **FOTON** 20 - 44 KVA

WINPOWER®
BRANDED GENERATING SETS 5 - 200 KVA

Cummins 27 - 3000 KVA

KOHLER 2 - 14 KVA

LOVOL 72,5 - 176 KVA

YANMAR 2,5 - 550 KVA

MAN 316 - 1000 KVA

DEUTZ 60 - 550 KVA

Mercedes 30 - 250 KVA

LONCIN 2,8 - 12,5 KVA

CERTIFICATES:



CONTACT:

GENERATOR BRAND:

