

Equipment and Options

		2 POLES		4 POLES				
		TN 15	TN 20	TN 7.5	TM 11.5	TM 16	TM 20	TM 30
4-stroke liquid-cooled diesel engine		●	●	●	●	●	●	●
50°C engine driven radiator with drain		●	●	●	●	●	●	●
Starter and charge alternator		12v	24v	12v	12v	12v	12v	12v
Mechanical governor		●	●	●	●	●	●	●
Electronic governor		x	x	x	x	○	○	○
Donaldson disposable air filter		●	●	●	●	●	●	●
IP 21 single-bearing alternator, class H insulation		●	●	●	●	●	●	●
IP 23		○	○	○	○	○	○	○
T2 wire, regulator, 2/3 pitch		●	●	●	●	●	●	●
Heavy duty insulation		●	●	●	●	●	●	●
Manual electric panel		M50	M50	M50	M50	M50	M50	M50
Output breaker (direct power supply connection)		●	●	●	●	●	●	●
Fabricated all welded baseplate with anti-vibration mountings		●	●	●	●	●	●	●
EN17 Standard colour RAL 9005 (black), RAL 1028 alternator (yellow)		●	●	●	●	●	●	●
Users manual type A-1 copy AD 11 (French, English, Spanish, Portuguese)		●	●	●	●	●	●	●
Users manual type A-1 copy AD 12 (German)		○	○	○	○	○	○	○
Delivered in shrinkwrap		○	○	○	○	○	○	○
Oil	Supplied with oil and coolant (-30C)	●	●	●	●	●	●	●
	FD 10 Oil and drain coolant	○	○	○	○	○	○	○
	EN03 Sump drain tap on edge of chassis	●	●	●	●	●	●	●
	En 04 Sump drain pump	x	x	x	x	○	○	○
Exhaust	EN12 Set mounted 9 db(A) silencer, supplied loose	●	●	●	●	●	●	●
	EN08 29 db(A) silencer supplied loose	○	○	○	○	○	○	○
	EN07 Non-supply of silencer	○	○	○	○	○	○	○
	EN10 Exhaust flexible	○	○	○	○	○	○	○
Radiator	EN13 Exhaust extension (40cm)	○	○	○	○	○	○	○
	Protection mesh for fan and revolving parts	●	●	●	●	●	●	●
	EN14 Stone guard radiator outlet	○	○	○	○	○	○	○
Battery	Batteries with cables and batteries tray	●	●	●	●	●	●	●
	EN15 Non-supply of batteries and tray (cables still supplied)	○	○	○	○	○	○	○
	EN16 Battery isolator	○	○	○	○	○	○	○
Fuel	Direct reading fuel gauge	x	x	x	x	●	●	●
	Inbuilt large fuel tank	●	●	●	●	●	●	●
	FD 01 Fuel inlet/return connections	○	○	○	○	○	○	○
	Non-supply of fuel tank	x	x	x	x	x	x	x
	FD 04 Retention tank	○	○	○	○	○	○	○
	Disposable fuel filter	●	●	●	●	●	●	●
	FD 05 Replaceable fuel/water separator	○	○	○	○	○	○	○
	FD 06 500L optional tank 500L	○	○	○	○	○	○	○
	FD 08 Electric fuel refilling, supplied loose	○	○	○	○	○	○	○
FD 09 Manual fuel refilling pump for body, supplied loose	○	○	○	○	○	○	○	
Miscellaneous	Users manual type A - supplementary							
	AD 21 (French, English, Spanish, Portuguese)	○	○	○	○	○	○	○
	AD 22 (German)	○	○	○	○	○	○	○
	Users manual type B							
	AD 23 (English only)	○	○	○	○	○	○	○
	Users manual type C							
Auto	AD 23 (English only)	○	○	○	○	○	○	○
	AD 06 Consumables pack (engine)	○	○	○	○	○	○	○
	AD 07 Security pack (engine)	○	○	○	○	○	○	○
	AD 08 Security pack (alternator)	○	○	○	○	○	○	○
	AD 05 Tools kit	○	○	○	○	○	○	○
Special paintwork, other than standard	x	x	x	x	x	x	x	
EO1M Pre-mounted preheating resistor	○	○	○	○	○	○	○	
EO1K Preheating resistor kit supplied loose	○(1)	○(1)	○(1)	○(1)	○(1)	○(1)	○	

9 db(A) silencer, supplied loose



29 db(A) silencer, supplied loose



Exhaust flexible



Sump drain tap on edge of chassis



Disposable fuel filter



Tools kit



Pre-mounted preheating resistor



Range	Genset type	50 Hz - 400/230 V						Engine specifications					Compact II+			60 Hz - 440/254 V				
		kVA Cosφ 0,8	kWe Cosφ 1	Amp.	Engine								Dimensions & Weight (empty)			Tank L	kVA Cosφ 0,8	kWe Cosφ 1	Amp.	Engine
					kWm net	75% Load L/h	50% Load L/h	Engine type	Cyl.	Bore mm	Stroke mm	Swept volume L								l x w x h m
		2 poles	TN 15	15	12	22	14.7	3.8	2.9	S3L2 SDH	L3	76	70	0,952	1.28x0.67x0.89	259	43	-	-	-
2 poles	TN 20	20	16	29	19	5.0	4.1	S3L2 SDH	L3	78	92	1,318	1.28x0.67x0.95	333	43	-	-	-	-	-
4 poles	TM 7.5	7.5	6	11	7.4	1.6	1.2	L3E SD	L3	76	70	0,952	1.28x0.67x0.86	259	43	9	7	12	9.1	2.0
	TM 11.5	11.5	9	17	10.8	2.3	1.9	S3L2 SD	L3	78	92	1,318	1.28x0.67x0.95	336	43	13.5	11	18	13.2	2.9
	TM 16	16	13	23	15	3.1	2.4	S4L2 SD	L4	78	92	1,758	1.40x0.78x0.99	480	100	19	15	25	18.4	3.8
	TM 20	20	16	29	21.7	4.7	3.4	S4Q2 SD	L4	88	103	2,510	1.40x0.78x0.99	530	100	23	18	30	26.1	5.6
4 poles	TM 30	30	24	43	27.6	6	8.2	S4S SD	L4	94	120	3,330	1.52x0.78x1.12	660	100	36	29	47	36.4	8.2

TN : Standby duty, operation under variable load 500 hours/year maximum without any overload.

TM : Continuous duty, operation under variable load 500 hours/year maximum without any overload. For continuous duty 24 hours/day with overload derate by 10%.

Range	Genset type	Meccalte alternator	50 Hz								60 Hz							
			λ			Δ			λλ 200		λ			Δ			λλ 208	
			415/240V T51 A1	400/230V T51 A2	380/220V T51 A3	240V T51 C1	230V T51 C2	220V T51 C3	220/127V T52 B4	115V T52 B2	440/254V T61 A3	380/220V T61 A5	240V T61 C1	230V T61 C2	220V T61 C3	220/127V T61 B2	120V T61 B3	
2 poles	TN 15	EC3-LA/2*16	15	15	15	15	15	15	15	15	14.5	-	-	-	-	-	-	-
	TN 20	EC3-LB/2*19	20	20	20	20	20	20	20	17	20	-	-	-	-	-	-	-
4 poles	TM 7.5	EC3-SB/4*8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7	7.5	9	8	9	9	9	9	9
	TM 11.5	EC3-LA/4*11	11.5	11.5	11.5	11.5	11.5	11.5	11.5	9.5	11.5	13.5	11.5	13	12	12	13.5	13.5
	TM 16	ECN28-S/4*16	16	16	16	16	16	16	16	13.5	16	19	16	17.5	16.5	16	19	18.9
	TM 20	ECN28-24/4*16	20	20	20	20	20	20	20	18	20	23	20	22	20	20	23	22
4 poles	TM 30	ECN28-1S/4*16	30	30	30	30	30	30	30	27.9	30	37	31	34	31	31	36	34

Range	Genset type	Engine type	Alternator type	50 Hz									60 Hz								
				240V 1-phase T51 M1			230V 1-phase T51 M2			220V 1-phase T51 M3			240V 1-phase T61 M1			230V 1-phase T61 M2			220V 1-phase T61 M3		
				kVA	kWe	A	kVA	kWe	A	kVA	kWe	A	kVA	kWe	A	kVA	kWe	A	kVA	kWe	A
2 poles	TN 15 M	L3E SDH	EC3-LB/2*19	12	12	48	12	12	50	12	12	52	-	-	-	-	-	-	-	-	
4 poles	TM 7.5 M	L3E SD	EC3-SB/4*8	5.5	5.5	23	5.5	5.5	24	5.5	5.5	25	6.6	6.6	28	6.3	6.3	26	6	6	25
	TM 11.5 M	S3L2 SD	ECN28-4	10	8.6	42	9.6	8.6	42	9.2	8.6	42	10.6	10.6	44	10.2	10.2	44	9.7	9.7	44
	TM 16 M	S4L2 SD	ECN28-2L/4*20	14	2.1	58	14	12.1	61	14	12.1	64	15.8	14.8	66	15.1	14.8	66	14.5	14.5	66
	TM 20 M	S4Q2 SD	ECN28-2L/4*31	19	15.6	79	19	15.6	83	19	15.6	86	22.9	21.1	95	21.9	21.1	95	21	21	95
4 poles	TM 30 M	S4S SD	432-S2*40	27	23.7	113	27	23.7	117	26.2	23.7	119	28.5	28.5	119	27.3	27.3	119	26.1	26.1	119