

POWER GENERATOR

EQUIPMENT

Technical Specifications Table-50Hz

SPECIFICATION TABLE										
Model		DCA-25FGDD	DCA-30FGDD	DCA-30FGDDA	DCA-44FGDD	DCA-44FGDDA	DCA-55FGDD	DCA-62FGDD	DCA-70FGDD	DCA-90FGDD
GENSET										
Output Rating kVA	Prime	22	27	27	40	40	50	56.3	65	80
	Standby	25	30	30	44	44	55	61.9	70	90
Output Rating kW	Prime	17.6	22	22	32	32	40	45	52	64
	Standby	20	24	24	35.2	35.2	44	49.5	56	72
Rate Frequency(HZ)						50				
Power Factor		0.8								
Rate Voltage(V)		400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Phase		3	3	3	3	3	3	3	3	3
Weight(KG)		900	968	968	998	998	1150	1250	1265	1265
Fuel Tank Capacity(L)		70	70	75	75	75	75	75	75	75
Fuel Consuption(L/H)		5.7	7.1	7.1	10	10	12.9	14	15	17.6
Diemension	L, mm	2230	2230	2230	2450	2450	2450	2500	2500	2530
	W, mm	950	950	950	900	900	1000	1000	1000	1000
	H, mm	1250	1250	1250	1250	1250	1250	1250	1250	1250
ENGINE										
Model		4B3.9-G11	4B3.9-G1	4B3.9-G2	4BT3.9-G1	4BT3.9-G2	4BTA3.9-G2	4BTA3.9-G2	4BTA3.9-G2	4BTA3.9-G11
Type		InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		102*120	102*120	102*120	102*120	102*120	102*120	102*120	102*120	102*120
Displacement (L)		3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Power(kWm)		24	24	24	36	36	50	50	58	70
Rate Speed(RPM)		1500								
Compress Ratio		18:1	17.3:1	18:1	17.3:1	18:1	17.3:1	17.3:1	17.3:1	17.3:1
Governor Type		Mechanical	Mechanical	Electrical	Mechanical	Electrical	Electrical	Electrical	Electrical	Electrical
Cooling Method						Water				
Fuel Type		Diesel								
ALTERNATOR										
Model		DSR184E	DSR184F	DSR184F	DSR184J	DSR184J	DSR224D	DSR224E	DSR224F	DSR224G
IP Rating		IP23								
Rate frequency(HZ)						50				
Insulation / Tem. Rise		H / H								
Excitation Type						AVR				

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SPECIFICATION TABLE										
Model		DCA-100FGDD	DCA-110FGDD	DCA-125FGDD	DCA-138FGDD	DCA-150FGDD	DCA-165FGDD	DCA-200FGDD	DCA-200FGDDA	DCA-220FGDD
GENSET										
Output Rating kVA	Prime	90	100	110	125	138	150	180	180	200
	Standby	100	110	125	138	150	165	200	200	220
Output Rating kW	Prime	72	80	88	100	110	120	145	145	160
	Standby	80	88	100	110	120	132	160	160	176
Rate Frequency(HZ)						50				
Power Factor		0.8								
Rate Voltage(V)		400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230	400/230
Phase		3	3	3	3	3	3	3	3	3
Weight(KG)		1350	1388	1388	1442	1500	1770	2303	2303	2460
Fuel Tank Capacity(L)		100	120	150	238	190	200	350	350	369
Fuel Consupction(L/H)		21.7	22.1	24.2	27	30	34	42	42	45
Diemension	L, mm	2850	2850	2850	2950	2990	3040	3270	3270	3380
	W, mm	1050	1050	1050	1050	1050	1100	1100	1100	1100
	H, mm	1500	1500	1500	1500	1430	1600	1980	1980	1900
ENGINE										
Model		6BT5.9-G1	6BT5.9-G2	6BT5.9-G2	6BTA5.9-G2	6BTAA5.9-G2	6BTAA5.9-G12	6CTA8.3-G1	6CTA8.3-G2	6CTAA8.3-G2
Type		InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		102*120	102*120	102*120	102*120	102*120	102*120	114*135	114*135	114*135
Displacement (L)		5.9	5.9	5.9	5.9	5.9	5.9	8.3	8.3	8.3
Power(kWm)		86	96	96	106	120	140	163	163	183
Rate Speed(RPM)		1500								
Compress Ratio		17.3:1	17.3:1	17.3:1	17.3:1	17.3:1	17.3:1	17.3:1	17.3:1	18:1
Governor Type		Mechanical	Electrical	Electrical	Electrical	Electrical	Electrical	Mechanical	Electrical	Electrical
Cooling Method						Water				
Fuel Type		Diesel								
ALTERNATOR										
Model		DSR274C	DSR274C	DSR274D	DSR274E	DSR274E	DSR274F	DSR274G	DSR274G	DSR274H
IP Rating		IP23								
Rate frequency(HZ)						50				
Insulation / Tem. Rise		H / H								
Excitation Type						AVR				

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SPECIFICATION TABLE					
Model		DCA-250FGDD	DCA-275FGDD	DCA-275FGDDA	DCA-350FGDD
GENSET					
Output Rating kVA	Prime	200	250	250	320
	Standby	220	275	275	350
Output Rating kW	Prime	160	200	200	256
	Standby	176	220	220	280
Rate Frequency(HZ)			50		
Power Factor		0.8			
Rate Voltage(V)		400/230	400/230	400/230	400/230
Phase		3	3	3	3
Weight(KG)		2500	2520	2530	3100
Fuel Tank Capacity(L)		369	350	350	480
Fuel Consuption(L/H)		45	53	54	70
Diemension	L, mm	3380	3470	3470	4000
	W, mm	1100	1120	1120	1300
	H, mm	1900	2000	2000	2000
ENGINE					
Model		6CTAA8.3-G2	6LTAA8.9-G2	6LTAA8.9-G3	6LTAA9.5-G1
Type		InLined	InLined	InLined	InLined
Bore X Stroke, mm		114*135	114*145	114*145	116.5*148
Displacement (L)		8.3	8.9	8.9	9.5
Power(kWm)		183	220	230	290
Rate Speed(RPM)		1500			
Compress Ratio		18:1	16.6:1	16.6:1	16.6:1
Governor Type		Electrical	Electrical	Electrical	Electrical
Cooling Method			Water		
Fuel Type			Diesel		
ALTERNATOR					
Model		DSR274J	DSR274K	DSR274K	DSR314ES
IP Rating		IP23			
Rate frequency(HZ)			50		
Insulation / Tem. Rise		H / H			
Excitation Type			AVR		