

POWER GENERATOR

EQUIPMENT

Technical Specifications Table-60Hz

SPECIFICATION TABLE										
Model		DCA-34FGDD-II	DCA-55FGDD-II	DCA-75FGDD - II	DCA-85FGDD-II	DCA-100FGDD-II	DCA-125FGDD-II	DCA-138FGDD-II	DCA-150FGDD-II	DCA-165FGDD-II
GENSET										
Output Rating kVA	Prime	30	50	68	75	90	113	125	135	150
	Standby	34	55	75	85	100	125	138	150	165
Output Rating kW	Prime	24	40	55	60	72	90	100	108	120
	Standby	27	44	60	68	80	100	110	120	132
Rate Frequency(HZ)						60				
Power Factor		0.8								
Rate Voltage(V)		220/127	220/127	220/127	220/127	220/127	220/127	220/127	220/127	220/127
Phase		3	3	3	3	3	3	3	3	3
Weight(KG)		968	980	1013	1020	1265	1385	1385	1460	1500
Fuel Tank Capacity(L)		70	75	75	75	75	120	120	238	190
Fuel Consupntion(L/H)		8.6	10.7	15.9	17	20.1	28.5	29.7	31	34
Diemension	L, mm	2230	2500	2500	2500	2530	2850	2850	2950	2990
	W, mm	950	900	1000	1000	1000	1050	1050	1050	1050
	H, mm	1250	1250	1250	1250	1250	1250	1250	1500	1430
ENGINE										
Model		4B3.9-G2	4BT3.9-G2	4BTA3.9-G2	4BTA3.9-G2	4BTA3.9-G11	6BT5.9-G2	6BT5.9-G2	6BTA5.9-G2	6BTAA5.9-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	102*120	102*120	102*120
Displacement (L)		3.9	3.9	3.9	3.9	3.9	5.9	5.9	5.9	5.9
Power(kWm)		30	40	60	67	80	100	115	120	132
Rate Speed(RPM)		1800								
Compress Ratio		18:1	18:1	18:1	18:1	17.3:1	17.3:1	17.3:1	17.3:1	17.3:1
Governor Type		Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical	Electrical
Cooling Method						Water				
Fuel Type		Diesel								
ALTERNATOR										
Model		DSR184F	DSR184J	DSR224E	DSR224F	DSR224G	DSR274C	DSR274D	DSR274E	DSR274E
IP Rating		IP23								
Rate frequency(HZ)						60				
Insulation / Tem. Rise		H / H								
Excitation Type						AVR				

POWER GENERATOR

Technical Specifications Table-60Hz

SPECIFICATION TABLE						
Model		DCA-181FGDD-II	DCA-220FGDD-II	DCA-250FGDD-II	DCA-285FGDD-II	DCA-300FGDD-II
GENSET						
Output Rating kVA	Prime	168	200	225	260	280
	Standby	181	220	250	285	300
Output Rating kW	Prime	134	160	180	208	224
	Standby	145	176	200	228	240
Rate Frequency(HZ)				60		
Power Factor		0.8				
Rate Voltage(V)		220/127	220/127	220/127	220/127	220/127
Phase		3	3	3	3	3
Weight(KG)		1770	2305	2340	2530	2520
Fuel Tank Capacity(L)		200	350	369	350	356
Fuel Consupion(L/H)		38	44	49	59	62
Diemension	L, mm	3040	3270	3380	3520	3470
	W, mm	1100	1100	1100	1120	1120
	H, mm	1600	1980	1900	2000	2000
ENGINE						
Model		6BTAA5.9-G12	6CTA8.3-G2	6CTAA8.3-G2	6LTAA8.9-G2	6LTAA8.9-G3
Type		InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		102*120	114*135	114*135	114*145	114*145
Displacement (L)		5.9	8.3	8.3	8.9	8.9
Power(kWm)		150	170	190	235	255
Rate Speed(RPM)		1800				
Compress Ratio		17.3:1	17.3:1	18:1	16.6:1	16.6:1
Governor Type		Electrical	Electrical	Electrical	Electrical	Electrical
Cooling Method		Water				
Fuel Type		Diesel				
ALTERNATOR						
Model		DSR274F	DSR274G	DSR274H	DSR274 J	DSR274 J
IP Rating		IP23				
Rate frequency(HZ)		60				
Insulation / Tem. Rise		H / H				
Excitation Type		AVR				