

POWER GENERATOR

EQUIPMENT

Technical Specifications Table-60Hz

SPECIFICATION TABLE										
Model		DCA-12SPDD- II X	DCA-15SPDD- II	DCA-18SPDD- II X	DCA-22SPDD- II	DCA-22SPDD- II X	DCA-28SPDD- II	DCA-27SPDD- II X	DCA-33SPDD- II	DCA-38SPDD- II
GENSET										
Output Rating kVA	Prime	11	14	16	20	20	25	24	30	35
	Standby	12	15	17.6	22	22	27.5	26.4	33	38.5
Output Rating kW	Prime	11	11	16	16	20	20	24	24	28
	Standby	12	12	17.6	17.6	22	22	26.4	26.4	30.8
Rate Frequency(HZ)		60								
Power Factor		Three Phase 0.8 / Single Phase 1.0								
Rate Voltage(V)		220	380/220	220	380/220	220	380/220	220	380/220	380/220
Phase		1	3	1	3	1	3	1	3	3
Weight(KG)		460	460	560	560	640	640	650	650	720
Fuel Tank Capacity(L)		29	29	42	42	50	50	50	50	70
Fuel Consupcion(L/H)		3.43	3.43	4.9	4.9	6.4	6.4	7.1	7.1	9
Diemension	L, mm	1380	1380	1550	1550	1750	1750	1750	1750	1870
	W, mm	680	680	740	740	740	740	740	740	740
	H, mm	760	760	850	850	860	860	860	860	960
ENGINE										
Model		DSR-3B11	DSR-3B11	DSR-4B12	DSR-4B12	DSR-4K9	DSR-4K9	DSR-4R95	DSR-4R95	DSR-4R90T
Type		InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		85*90	85*90	85*95	85*95	90*100	90*100	95*100	95*100	90*100
Displacement (L)		1.532	1.532	2.156	2.156	2.544	2.544	2.836	2.836	2.544
Power(kWm)		14	14	21	21	27	27	32	32	36
Rate Speed(RPM)		1800								
Compress Ratio		18:1	18:1	18:1	18:1	18:1	18:1	18.5:1	18.5:1	18:1
Governor Type		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Cooling Method		Water								
Fuel Type		Diesel								
ALTERNATOR										
Model		DSR-11-1	DSR-11-3	DSR-16-1	DSR-16-3	DSR-20-1	DSR-20-3	DSR-24-1	DSR-24-3	DSR-28-3
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-48SPDD- II	DCA-60SPDD- II	DCA-80SPDD- II	DCA-100SPDD- II	DCA-125SPDD- II	DCA-150SPDD- II
GENSET							
Output Rating kVA	Prime	44	55	72.5	90	112.5	137.5
	Standby	48	60	80	100	125	150
Output Rating kW	Prime	35	44	58	72	90	110
	Standby	38.4	48	64	80	100	120
Rate Frequency(HZ)				60			
Power Factor		0.8					
Rate Voltage(V)		380/220	380/220	380/220	380/220	380/220	380/220
Phase		3	3	3	3	3	3
Weight(KG)		750	1020	1070	1380	1530	1640
Fuel Tank Capacity(L)		70	95	95	170	159	165
Fuel Consupction(L/H)		11.2	13.5	17.6	22.8	24.7	32.6
Diemension	L, mm	1870	2200	2350	2500	2700	2900
	W, mm	740	900	900	950	1050	1050
	H, mm	960	1120	1120	1200	1250	1250
ENGINE							
Model		DSR-4R95T	DSR-38DTJ52	DSR-38DTD64	DSR-40CD99B	DSR-48ECD100	DSR-48ECD125
Type		InLined	InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		95*100	102*115	102*115	102*120	108*132	108*132
Displacement (L)		2.836	3.76	3.76	4	4.8	4.84
Power(kW/m)		40	52	64	90	100	125
Rate Speed(RPM)		1800					
Compress Ratio		18.5:1	17.5:1	17.5:1	17:1	16.5:1	16.5:1
Governor Type		Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical
Cooling Method				Water			
Fuel Type		Diesel					
ALTERNATOR							
Model		DSR-32-3	DSR-44-3	DSR-58-3	DSR-72-3	DSR-90-3	DSR-110-3
IP Rating					IP23		
Rate frequency(HZ)				60			
Insulation / Tem. Rise					H / H		
Excitation Type				AVR			