

# DAYLIFE

## DATA SHEET

Prime Power  
Diesel Generators

DGY



Dayliff DG Yanan generators are robust, high quality units designed for continuous duty in a wide range of power supply applications. All sets offer the following features:-

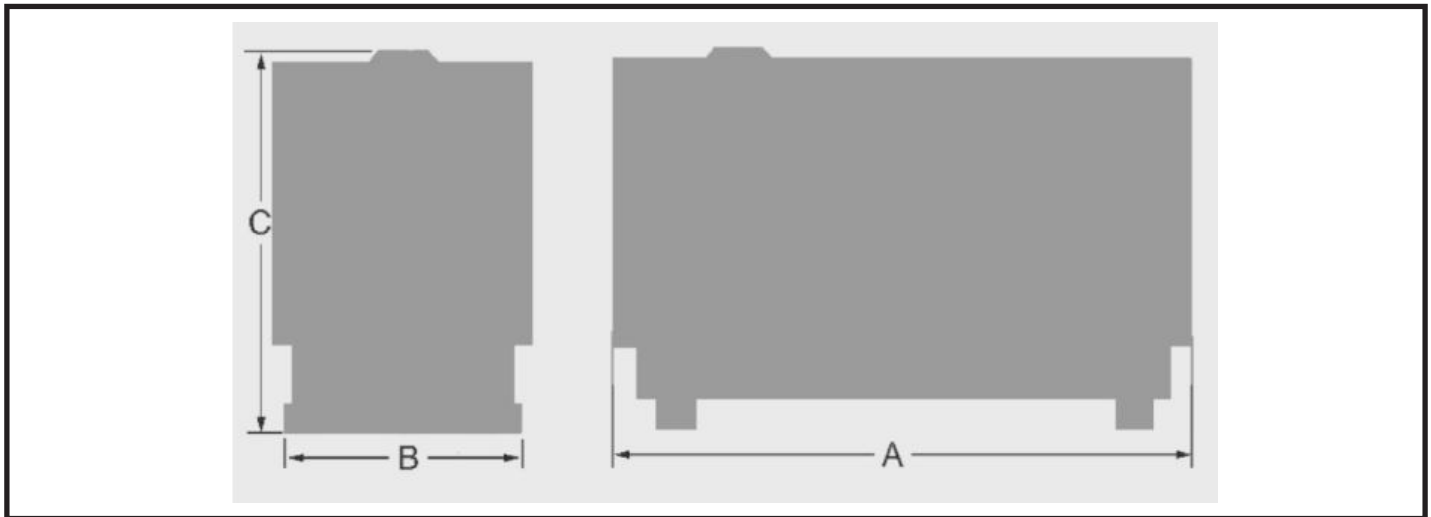
- Powered by dependable and efficient Foton (Isuzu type), Lovol(Perkins type) or Cummins water cooled diesel engines according to model.
- Close coupled at 1500rpm to a brushless single bearing alternator with solid state AVR regulation.
- Base frame mounted on anti-vibration mounts and including a high capacity base mounted fuel tank for extended operation time.
- Powder coated sound and weather proof canopies with residential silencer for extremely low noise operation.
- Integral digital control module that provides selectable readout of electrical voltage, phase current, output frequency and battery voltage and engine speed, hours run, oil pressure and coolant temperature.
- Automatic shut down protection in the event of low engine oil pressure, high engine temperature and over and under speed with warning indicators provided for each condition.
- Digital automatic mains failure provision for starting the generator. An additional automatic transfer switch is also required for mains/generator power transfer.

Dayliff Yanan diesel generators are reliable economical and high specification products that are the ideal solution for all continuous duty and standby power generating requirements.

# TECHNICAL DATA

GENERATOR MODEL		DGY 17F	DGY 25F	DGY 36P	DGY 56P	DGY 80P	DGY 108P	DGY 80C	DGY 104C	DGY 140C	DGY 200C	DGY 275C	
Prime/Standby Power Output	kVA	21/24	31/34	45/50	70/76	100/110	135/150	100/110	130/143	175/193	250/275	344/375	
	kW	17/19	25/27	36/40	56/61	80/88	108/120	80/88	104/114	140/154	200/220	275/300	
Engine Data	Type	Foton 4JBI	Foton 4JBI	Lovel 1004G	Lovel 1004TG	Lovel 10046TG2A	Lovel 1006TAG	Cummins 6BTS.9-G2	Cummins 6BTAAs.9-G2	Cummins 6CTA8.3-G2	Cummins NT855-GA	Cummins NTA 855-G2A	
	Power @ 1500rpm (kW)	24	28	40	66	92	121	92	130	163	254	313	
	Aspiration	Natural	Turbo	Natural		Turbo		Turbo Intercooled					
	No. of cylinders	4					6						
	Displacement (L)	2.8		4		6		5.9	5.9	5.9	8.9	14	
	Fuel Consumption (litres/hr)	75% load	4	5	8	12	17	23	17	22	23	39	57
		100% load	6	7	11	16	23	30	22	17	30	53	75
Fuel Tank Size (litres)	120	120	150	180	250	300	300	250	250	450	800		
Alternator Data	Alternator Type	Self excited 4 pole (1500rpm) single bearing, brushless											
	Output Voltage	3x415V											
	Voltage Regulation	Solid state AVR±1.0% with 4% engine governing											
	Insulation Class	H											
	Protection Rating	IP21											
Dimensions & Weights	Length, A (mm)	1800	2300		2800				4000	4200			
	Width, B (mm)	1000	1100					1300	1460				
	Height, C (mm)	1100	1600		1470		1970	1470		1800	2160		
	Dry Weight (kgs)	1250	1300	1760	2150	2200	1600	1600	1700	3500	4050		

**DERATING:** Given outputs are sea level ratings. Sets should be derated at 1% for every 100m higher than 100m above sea level, and 2% for every 5°C temperature above 20°C



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