

ELECTRICAL POWER CHART @ 1500RPM (50HZ)

ENGINE TYPE	STAND-BY ENGINE POWER	TYPICAL GENERATOR OUTPUT				EMISSION STANDARD
		STAND-BY		PRIME		
	KWm	KVA	Kwe	KVA	Kwe	
Water Cooled						
D703E0.GEN	22,4	25	20	23	18	Fuel Optimized
D703TE0.GEN	36,8	41	33	37	30	Fuel Optimized
D703E2.GEN	23	26	21	23	19	Stage II
D703TE2.GEN	36	41	32	36	29	Stage II
D754TPE2.GEN	56	63	50	57	46	Stage II
D756IPE2.GEN	90	101	81	91	74	Stage II
Air Cooled						
SUN2105E2.GEN	18,5	21	17	19	15	Stage II
SUN3105E2.GEN	27,5	31	25	28	23	Stage II
SUN3105TE2.GEN	36,5	41	33	37	30	Stage II
SUN4105TE2.GEN	58	65	52	59	47	Stage II

The above ratings represent the engine performance capabilities to conditions specified in, ISO3046/1, ISO8528/1 and BS 5514/1

Generator powers are typical and are based on an average alternator efficiency (between 0,86 and 0,90) and a power factor of 0,8 (cos.Φ)
Performance tolerance quoted by VM Motori is ± 5%

Ratings Definitions:
Prime Power: Variable load. Unlimited hours usage with an average load factor of 80% of the published prime power over each 24 hour period. A 10% overload is available for 1 hour every 10 hours of operation.
Stand-By Power: Variable load. Limited to 500 hours annual usage, up to 300 hours of which may be continuous running. No overload permitted.

All information in this chart is substantially correct at the time of printing but may be altered subsequently by the Company

ELECTRICAL POWER CHART @ 1800RPM (60HZ)

ENGINE TYPE	STAND-BY ENGINE POWER	TYPICAL GENERATOR OUTPUT		EMISSION STANDARD
		STAND-BY	PRIME	
	KWm	Kwe	Kwe	
Water Cooled				
D703E0.GEN	27,5	25	23	Fuel Optimized
D703TE0.GEN	44	40	36	Fuel Optimized
D703E2.GEN	27	24	22	Stage II
D703TE2.GEN	41	37	34	Stage II
D754TPE2.GEN	61	55	50	Stage II
D756IPE2.GEN	98	88	80	Stage II
Air Cooled				
SUN2105E2.GEN	22	20	18	Stage II
SUN3105E2.GEN	32	29	26	Stage II
SUN3105TE2.GEN	41,5	37	34	Stage II
SUN4105TE2.GEN	66,8	60	55	Stage II

The above ratings represent the engine performance capabilities to conditions specified in, ISO3046/1, ISO8528/1 and BS 5514/1

Generator powers are typical and are based on an average alternator efficiency (between 0,86 and 0,90)

Performance tolerance quoted by VM Motori is $\pm 5\%$

Ratings Definitions:

Prime Power: Variable load. Unlimited hours usage with an average load factor of 80% of the published prime power over each 24 hour period. A 10% overload is available for 1 hour every 10 hours of operation.

Stand-By Power: Variable load. Limited to 500 hours annual usage, up to 300 hours of which may be continuous running. No overload permitted.

All information in this chart is substantially correct at the time of printing but may be altered subsequently by the Company