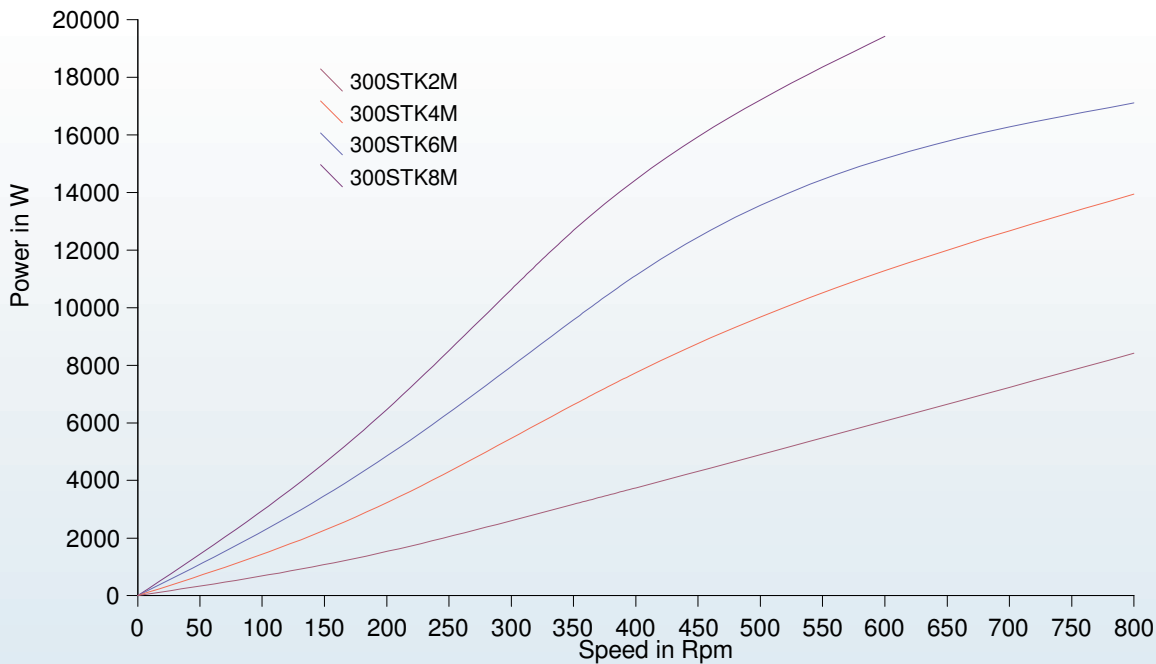


TECHNICAL CHARACTERISTICS

300 STK ALTERNATORS

		300STK2M		300STK4M		300STK6M		300STK8M	
Rated speed	Rpm	350	800	350	800	350	800	350	600
Rated power (1)(2)	W	3174	8413	6627	13942	9573	17106	12683	19424
Current at rated speed (1)	Amps	7.9	21.1	16.6	34.9	24.0	42.9	31.8	48.7
Voltage at rated power (1)(2)(3)	V	133	133	133	133	133	133	133	133
Power at half speed (1)(2)	W	1297	3745	2729	7741	4136	11126	5506	10632
Phase resistance at 20°C	Ohm	2.41	0.47	0.99	0.15	0.53	0.08	0.37	0.11
Phase inductance	mH	15.1	3,04	8.5	1,28	5,08	0,78	3,86	1,11
Phase emf at 20°C (4)	V	178.6	180.4	186.9	165.5	177.4	159.8	178.6	164.1
Rotor inertia	10 ⁻³ Kg.m ²	52.7	52.7	105.5	105.5	158.2	158.2	211	211
Weight	Kg	18	18	31	31	44	44	57	57
Power cable square section	mm ²	4x1.5	4x2.5	4x1.5	4x6	4x4	4x10	4x6	4x10

300 STK Generators Power - Speed



- (1) Ambient temperature 40°C
 Wind speed 10 m/s
 Winding temperature rise < 100°C
 Stator housing in contact with the ambient air or integral on all its peripheral area with a metallic armature in contact with the ambient air
 Stator housing secured on a metallic frame getting an area equal to twice the cross section of the housing
- (2) Operation with unitary power factor
- (3) Single voltage, voltage is 230Vac phase to phase. Voltage level may be adapted according to the application
- (4) Alternator at no load and rated speed
- (5) For current at rated power