

COMPUTER TEST REPORT

IS1063

12 V

4.2 KW

Maximum output power at 1200RPM	4.28 KW
Maximum torque at 840Amps	55.6 Nm
Starter current at maximum power	538.4 A
Starter torque at maximum power	31.9 Nm
Free running speed	4094 RPM
Free running current	148.8 A
Solenoid pull in current at	19.0 A
Solenoid holding current at	2.3 A
Maximum contact voltage drop	0.00 mV
Solenoid pull in voltage	4.1 V
Solenoid open voltage	1.4 V

Starter output tested at 12.0 V with 5.0mOhm battery					
Test	Starter Amps	Torque Nm	Starter RPM	Power Watts	Battery Volts
1	184	6.42	3357	2256	10.84
2	380	21.19	1740	3861	9.73
3	549	32.45	1217	4135	8.79
4	686	42.78	886	3969	7.92
5	840	55.59	555	3231	6.79

