

Model/Type	M9710	Temperature	25±5°C
Serial No	091000960141108088	Relative Humidity	<70%
Date	2015-12-17		

Test Description	Minimum Specification	Result	Maximum Specification
Constant Current Mode Tests			
3 Ampere Range Programming Readback			
Low Current (0.1A)	0.0985A	0.10008A	0.1015A
Front panel Diaplay	Aout-1.5mA	0.1000A	Aout+1.5mA
Mid Current (1.5A)	1.4980A	1.49998A	1.5020A
Front panel Diaplay	Aout-2mA	1.5000A	Aout+2mA
High Current (3.0A)	2.9975A	2.99994A	3.0025A
Front Panel Diaplay	Aout-2.5mA	3.0001A	Aout+2.5mA
30 Ampere Range Programming Readback			
Low Current (1A)	0.985A	1.0001A	1.015A
Front panel Diaplay	Aout-15mA	1.000A	Aout+15mA
Mid Current (15A)	14.980A	14.9994A	15.020A
Front panel Diaplay	Aout-20mA	15.000A	Aout+20mA
High Current (30A)	29.975A	29.9982A	30.025A
Front Panel Diaplay	Aout-25mA	30.000A	Aout+25mA
Local Voltage Testing(V)			
20 Voltage Range Programming and Readback			
Low Voltage (3V)	2.996V	3.0006V	3.004V
Front panel Diaplay	Vout-3.9mV	3.001V	Vout+3.9mV
Mid Voltage (10V)	9.994V	10.0001V	10.006V
Front panel Diaplay	Vout-6.0mV	10.0001V	Vout+6.0mV
High Voltage (20V)	19.992V	19.9996V	20.008V
Front panel Diaplay	Vout-8.4mV	20.002V	Vout+8.4mV
150 Voltage Range Programming and Readback			
Low Voltage (3V)	2.97V	3.002V	3.03V
Front panel Diaplay	Vout-30.9mV	3.00V	Vout+30.9mV
Mid Voltage (60V)	59.95V	60.000V	60.05V
Front panel Diaplay	Vout48mV	60.00V	Vout+48mV
High Voltage (150V)	149.93V	149.998V	150.07V
Front panel Diaplay	Vout-66mV	150.00V	Vout+66mV
Remote Voltage Testing(V)			
20 Voltage Range Programming and Readback			
Low Voltage (3V)	2.996V	3.0004V	3.004V
Front panel Diaplay	Vout-3.9mV	3.000V	Vout+3.9mV
Mid Voltage (10V)	9.994V	10.0004V	10.006V
Front panel Diaplay	Vout-6.0mV	9.999V	Vout+6.0mV
High Voltage (20V)	19.992V	20.0002V	20.008V
Front panel Diaplay	Vout-8.4mV	20.002V	Vout+8.4mV
150 Voltage Range Programming and Readback			
Low Voltage (3V)	2.750V	3.001V	3.03V
Front panel Diaplay	Vout-250mV	3.00V	Vout+250mV
Mid Voltage (60V)	59.95V	59.999V	60.05V
Front panel Diaplay	Vout-48mV	60.00V	Vout+48mV
High Voltage (150V)	149.93V	150.001V	150.07V
Front panel Diaplay	Vout-66mV	150.00V	Vout+66mV

