

# FAN Control Function Test

MODEL :HP1-S2850GD-F14C (G-850SM)

Test date: 26-May-23

Test Result: PASS

## ● Test Condition:

AC Input: 115V/60HZ  
 Environment temperature: 25°C  
 Fan Speed: 1500 ±10% rpm

## ● Specification :

Output Rail :	+5V	+3.3V	+12V1	-12V	+5Vsb
Maximum load	20.0 A	20.0 A	70.8 A	0.3 A	3.0 A
Minimum load	0.0 A	0.0 A	0.3 A	0.0 A	0.0 A
Combined Load	100.0 W		850.0 W	3.6 W	15.0 W
Total Power	850.0 W				



## ● Test Loading And Test Result :

Loading	Load List					Pout	Test Result	
	+5V	+3.3V	+12V1	-12V	+5Vsb		Fan Voltage(V)	Fan Speed(rpm)
0%	0.00A	0.00A	0.00A	0.00A	0.00A	0W	3.95V	620rpm
10%	1.06A	1.06A	6.22A	0.03A	0.26A	85W	3.99V	628rpm
20%	2.11A	2.11A	12.43A	0.05A	0.53A	170W	3.99V	627rpm
30%	3.17A	3.17A	18.65A	0.08A	0.79A	255W	3.98V	626rpm
40%	4.23A	4.23A	24.86A	0.11A	1.05A	340W	3.98V	629rpm
50%	5.29A	5.29A	31.08A	0.13A	1.32A	425W	3.99V	630rpm
60%	6.34A	6.34A	37.30A	0.16A	1.58A	510W	4.22V	667rpm
70%	7.40A	7.40A	43.51A	0.18A	1.84A	595W	5.42V	828rpm
80%	8.46A	8.46A	49.73A	0.21A	2.11A	680W	7.16V	1035rpm
90%	9.52A	9.52A	55.94A	0.24A	2.37A	765W	8.98V	1207rpm
100%	10.57A	10.57A	62.16A	0.26A	2.63A	850W	11.04V	1397rpm

### Fan Curve

