

Model : NID60S24-15 60W
15V / 0-4A

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	VOLTAGE ACCURACY	-2%~+2% (Max)	I/P:24VDC O/P:50% LOAD Ta:25°C	+0.67%	P
2	RIPPLE & NOISE	150mVp-p (Max)	I/P:24VDC O/P:FULL LOAD Ta:25°C	24mV	P
3	LINE REGULATION	-0.5%~+0.5% (Max)	I/P:20VDC~53VDC O/P:FULL LOAD Ta:25°C	-0.13% ~ +0%	P
4	LOAD REGULATION	-0.5%~+0.5% (Max)	I/P:24VDC O/P:MIN-FULL LOAD Ta:25°C	-0.07% ~ +0.2%	P

INPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	INPUT VOLTAGE RANGE	20VDC~53VDC	I/P:TESTING O/P:FULL LOAD Ta:25°C	19.5VDC~53VDC	P
2	EFFICIENCY	97% (Typ)	I/P:24VDC O/P:NO / FULL LOAD Ta:25°C	97.69%	P
3	DC CURRENT	2590 mA / FULL LOAD (Max) 30 mA / NO LOAD (Max)	I/P:24VDC O/P:NO / FULL LOAD Ta:25°C	2576 mA / FULL LOAD 22 mA / NO LOAD	P

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	120% ~ 220% (Typ)	I/P:24VDC O/P:TESTING Ta:25°C	128% HICCUP MODE AUTO-RECOVER	P
2	SHORT PROTECTION	YES	I/P:53VDC O/P:SHORT Ta:25°C	NO DAMAGE HICCUP MODE AUTO-RECOVER	P

