

Model : DCW08B-15 8W
 V1:+15V / 52~267mA
 V2:-15V / 52~267mA

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OUTPUT VOLTAGE ACCURACY	V1 : -2%~+2% (Max.) V2 : -2%~+2% (Max.)	I/P: 24VDC O/P:50% LOAD Ta:25°C	V1 : -0.04% V2 : -0.11%	P
2	RIPPLE & NOISE	V1 : 60mVp-p (Max.) V2 : 60mVp-p (Max.)	I/P:24VDC O/P:FULL LOAD Ta:25°C	V1 : 26mVp-p V2 : 28mVp-p	P
3	LINE REGULATION	V1 : -0.5%~+0.5% (Max.) V2 : -0.5%~+0.5% (Max.)	I/P:18VDC ~36VDC O/P:FULL LOAD Ta:25°C	V1 : -0%~+0% V2 : -0%~+0%	P
4	LOAD REGULATION	V1 : -0.5%~+0.5% (Max.) V2 : -0.5%~+0.5% (Max.)	I/P:24VDC O/P: MIN ~FULL LOAD Ta:25°C	V1 : -0.01%~+0.01% V2 : -0.01%~+0%	P

INPUT FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	INPUT VOLTAGE RANGE	18VDC-36VDC	I/P:TESTING O/P:FULL LOAD Ta:25°C	16.1VDC-36VDC	P
2	EFFICIENCY	80% (Typ)	I/P:24VDC O/P:FULL LOAD Ta:25°C	88.26%	P
3	INPUT CURRENT	426mA / FULL LOAD (Max.) 25mA / NO LOAD (Max.)	I/P:24VDC O/P:NO / FULL LOAD Ta:25°C	380mA / FULL LOAD 11mA / NO LOAD	P

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	OVER LOAD PROTECTION	110%~250% (Typ)	I/P:24VDC O/P:TESTING Ta:25°C	220% HICCUP MODE AUTO-RECOVER	P
2	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P:36VDC O/P:SHORT Ta:25°C	NO DAMAGE HICCUP MODE AUTO-RECOVER	P

