

Model : DCW08B-05 8W
 V1:+5V / 160~800mA
 V2:-5V / 160~800mA

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 : +0.2% V2 : -0.4%	P
2	RIPPLE & NOISE	V1 : 50mVp-p (Max.) V2 : 50mVp-p (Max.)	I/P:24VDC O/P:FULL LOAD Ta:25°C	V1 : 20mVp-p V2 : 20mVp-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 : -0.4%~+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%~+0% V2 : -0%~+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	16.4VDC~36VDC	P
2	EFFICIENCY	78% (Typ)	I/P:24VDC O/P:FULL LOAD Ta:25°C	83.74%	P
3	INPUT CURRENT	426mA / FULL LOAD (Max.) 25mA / NO LOAD (Max.)	I/P:24VDC O/P:NO / FULL LOAD Ta:25°C	402mA / FULL LOAD 13mA / 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	167.5% 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



SAFETY TEST

NO	TEST ITEM	SPECICATION	TEST CONDITION	RESULT	VERDICT
1	WITHSTAND VOLTAGE	I/P-O/P:1.5K VDC/min	I/P-O/P:1.5K VDC/ 1 min Ta:25°C	I/P-O/P: 0.002mA NO DAMAGE	P
2	ISOLATION RESISTANCE	I/P-O/P:500VDC>100MΩ	I/P-O/P:500 VDC Ta:25°C	I/P-O/P>100MΩ NO DAMAGE	P

DATE	SAMPLE	TEST RESULT	TESTER	APPROVAL
2022.3.12	2212R	PASS	PETER	VINCENT ZENG