



# MEAN WELL

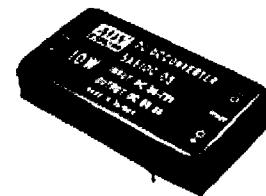
## SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SKE10C  
SERIES

2:1 WIDE INPUT RANGE  
4:1 INPUT IS AVAILABLE  
REGULATED DC OUTPUT  
1K VDC I/P ISOLATION  
1K~3KVDC ISOLATION (OPTIONAL)  
LOW PROFILE / SMALL SIZE  
EPOXY ENCAPSULATED

SIX-SIDED SHIELD OF METAL CASE  
HIGH PERFORMANCE / LOW COST  
SHORT CIRCUIT PROTECTION  
OVER CURRENT PROTECTION  
FREE AIR CONVECTION  
100% BURN-IN TEST  
1 YEAR WARRANTY



ORDER NO. SPECIFICATION	SKE10C-033	SKE10C-05	SKE10C-12	SKE10C-15	SKE10C-24													
DC OUTPUT VOLTAGE	3.3V	5V	12V	15V	24V													
OUTPUT VOLTAGE ACCURACY	±2%																	
OUTPUT RATED CURRENT	2400mA	2000mA	840mA	666mA	420mA													
OUTPUT CURRENT RANGE	240~2400mA	200~2000mA	84~840mA	66.6~666mA	42~420mA													
RISSLE & NOISE	50mVp-p	50mVp-p	60mVp-p	60mVp-p	80mVp-p													
LINE REGULATION	±0.3%	±0.3%	±0.3%	±0.3%	±0.3%													
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%													
DC OUTPUT POWER	8W	10W	10W	10W	10W													
EFFICIENCY	76%	80%	81%	82%	83%													
SWITCHING FREQUENCY	200KHz (TYPICAL)																	
INPUT VOLTAGE RANGE	36~72VDC																	
INPUT CURRENT	0.27A/48VDC; 8mA @ NO LOAD (TYPICAL)																	
SHORT CIRCUIT PROTECTION	CONTINUOUS																	
OVER CURRENT PROTECTION	160~250% AUTO RECOVERY																	
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)																	
ISOLATION VOLTAGE	I/P-O/P:1K VDC MIN.																	
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @500VDC																	
TRANSIENT RESPONSE	<250u sec. FOR 25% LOAD STEP CHANGE																	
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @71°C																	
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH																	
DIMENSION	2"×1"×0.44"																	
WEIGHT	32g																	
CASE MATERIAL	SIX-SIDED SHIELD OF METAL CASE																	
MECHANISM AND PIN CONFIGURATION			<table border="1"> <thead> <tr> <th>Pin no.</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>+Vin</td> </tr> <tr> <td>2</td> <td>-Vin</td> </tr> <tr> <td>3</td> <td>+Vout</td> </tr> <tr> <td>4</td> <td>N.P.</td> </tr> <tr> <td>5</td> <td>-Vout</td> </tr> </tbody> </table>				Pin no.	Output	1	+Vin	2	-Vin	3	+Vout	4	N.P.	5	-Vout
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1	+Vin																	
2	-Vin																	
3	+Vout																	
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NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.

2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.

3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.

4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

2003-03-04