

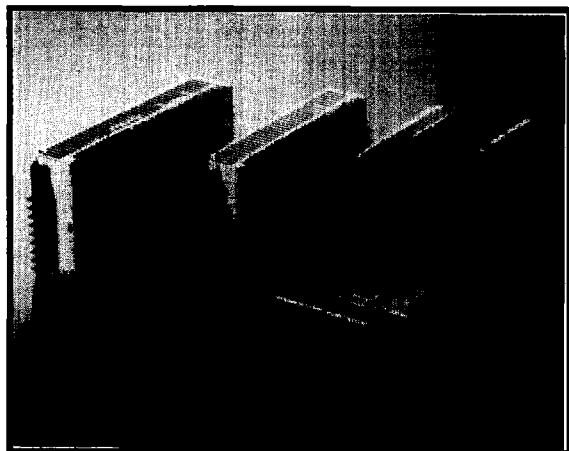


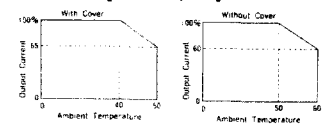
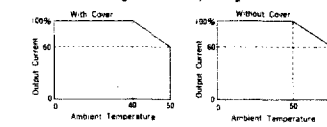
ERK SERIES

Triple Output Models

CE MARK
Features:

- 15W, 30W, & 50W & 70W Dual Models
- Universal Input (AC85-264V)
- International Safety Approvals (UL, CSA, TUV)
- EMI FCC Class B
- Metal Chassis with Cover
- Internal EMI Filter
- High Reliability
- Low Cost, High Performance
- Two Year Warranty



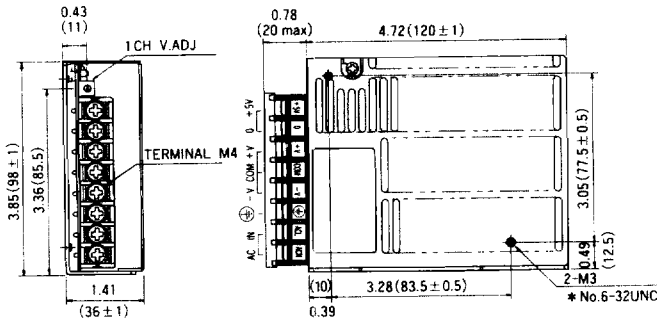
SPECIFICATIONS	
INPUT VOLTAGE	AC100 ~ 120/200~240V (AC85~264V) (DC 110-340V)
INPUT FREQUENCY	50/60 Hz (47 ~ 63 Hz)
INPUT CURRENT (AC100/240V)	ERK15 .4/.2A Typ; ERK30 .75/.38A Type; ERK50 1.2/.55 Typ; ERK70 1.7/.8A Type
INRUSH CURRENT (AC100/240V)	ERK15 12/28A Max.; ERK30 20/45A Max.; ERK50 20/45A Max.; ERK70 18/40A Max.
VOLTAGE ADJUST RANGE	CH1: +5%,-0%, CH2: Fixed (Factory Set Accuracy +/- 5%)
LINE REGULATION	0.4% Max
LOAD REGULATION	ERK15,30 CH1:0.8% Max.,CH2,CH3:100mVp-p; ERK50,70 CH1:0.8% Max., CH2,CH3:1% Vp-p
RIPPLE NOISE (DC ~ 100MHZ)	ERK15,30 CH1:80mVp-p Max.,CH2,CH3:100mVp-p; ERK50,70 CH1:100mVp-pMax.,CH2,CH3:150mVp-p
OVER VOLTAGE PROTECTION	Built-In
OVER CURRENT PROTECTION	Built-In (5V output only)
TEMPERATURE COEFFICIENT	ERK15 0.02%/C°, ERK30,50,70 CH1,CH2:0.02%/C°,CH3:0.04%/C°
DRIFT	0.5%+15mV Max. /8 hours (after 1 hour warm-up)
HOLD UP TIME	20m sec. Min.
RISE TIME	200m sec. Max.
DIELECTRIC WITHSTANDING VOLTAGE	Primary to Secondary AC 3750V Primary to Case AC 3750V (1min Cut off current) Secondary to Case AC 500V
ISOLATION RESISTANCE	Input - Output - Case 100Mohms Min. (DC500V)
LEAKAGE CURRENT	0.7mA Max.
OPERATING TEMPERATURE 0°C to +50° C DERATING CURVE	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>[ERK15, 30]</p>  </div> <div style="text-align: center;"> <p>[ERK50, 70]</p>  </div> </div>
STORAGE TEMPERATURE	-20° - 85° C
SHOCK TEST PROCEDURES	Vibration: 0.5mm width, 10 - 55 Hz / 1 min. cycle, 3 directions each 30 minutes Shock: 20G (3 directions each 3 times)

STANDARD UNITS

	MODEL	Output1		Output2		Output3	
		VOLT	AMPS	VOLT	AMPS	VOLT	AMPS
15W	ERK15U-1212	+5V	0.3~2.0A	+12V	0.3A	-12V	0.3A
	ERK15U-1515	+5V	0.3~2.0A	+15V	0.3A	-15V	0.3A
30W	ERK30U-1212	+5V	0.5~4.0A	+12V	2.0A	-12V	0.5A
	ERK30U-1515	+5V	0.5~4.0A	+15V	1.2A	-15V	0.7A
50W	ERK50U-1212	+5V	0.7~6.0A	+12V	2.5A	-12V	0.5A
	ERK50U-1515	+5V	0.7~6.0A	+15V	1.2A	-15V	1.2A
70W	ERK70U-1212	+5V	1.0~8.0A	+12V	2.5A	-12V	1.0A
	ERK70U-1515	+5V	1.0~8.0A	+15V	1.5A	-15V	1.5A

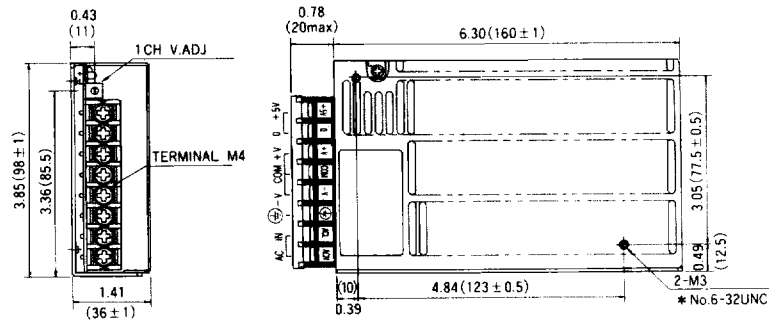
* TOTAL OUTPUT WATTAGE : ERK15U(16W MAX), ERK30U(30W MAX), ERK50U(50W MAX), ERK70U(70W MAX)

● **ERK15**



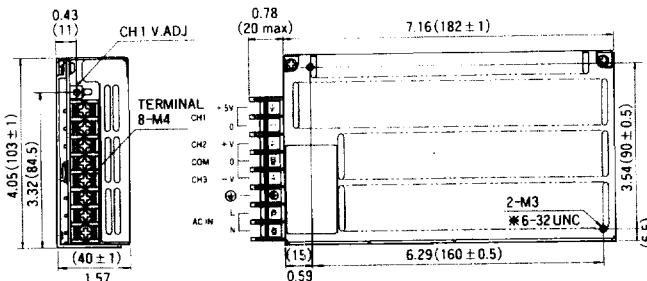
WEIGHT : 390g

● **ERK30**



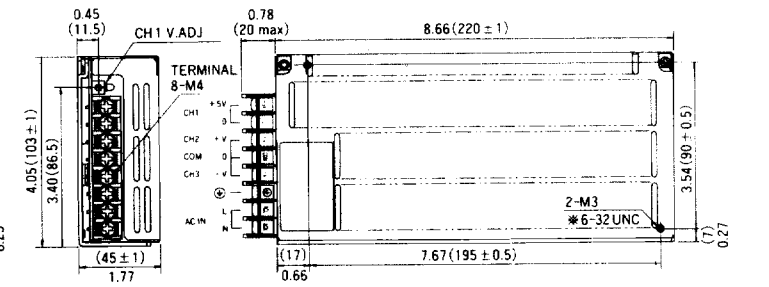
WEIGHT : 550g

● **ERK50**

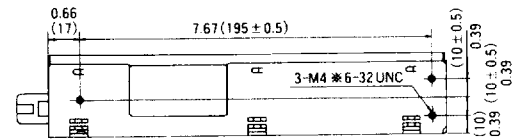
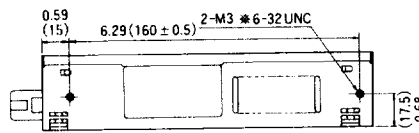


WEIGHT : 700g

● **ERK70**



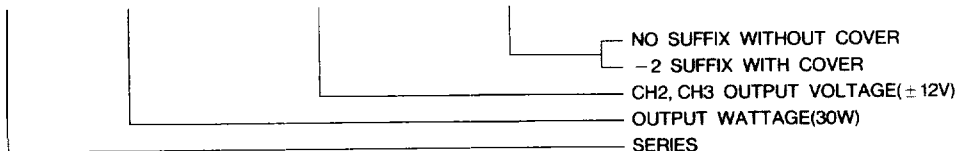
WEIGHT : 980g



UNIT : Inch(mm)

ORDERING INFORMATION

ERK 30 1212 2



- NO SUFFIX WITHOUT COVER
- 2 SUFFIX WITH COVER
- CH2, CH3 OUTPUT VOLTAGE(±12V)
- OUTPUT WATTAGE(30W)
- SERIES

Specifications subject to change without notice.



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