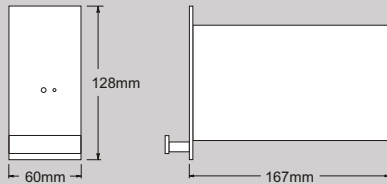


## Switch Mode Power Supply



- Designed to meet DIN standards mechanically and VDE standards electrically-European market.
- Wide acceptance range of input 184-276V AC.
- Wide choice of standard single and multi output models.
- Hold up time 20mS guaranteed at lowest line input.
- Line and load regulation better than  $\pm 2\%$ .
- Excellent step load transient response 100mV.
- Fully protected against overload and short circuit.
- Quality components, conservating ratings and ruggedised design for best long term value.

MODEL	ES0512	ES1205	ES1504	ES2425
<b>Input Voltage</b>	184-276V AC, 1Phase			
<b>Input Frequency</b>	47-63Hz	47-63Hz	47-63Hz	47-63Hz
<b>Output Voltage</b>	4.5-5.5V	10.8-13.2V	13.5-16.5V	23.0-25.0V
<b>Output Current</b>	12A	5A	4A	2.5A
<b>Line Regulation</b>	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$
<b>Load Regulation</b>	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$
<b>Output Ripple</b>	1% P-P	1% P-P	1% P-P	1% P-P
<b>Remote Sensing</b>	Provided	Provided	Provided	Provided
<b>Operating Temp.</b>	0 to 50°C	0 to 50°C	0 to 50°C	0 to 50°C
<b>Protection</b>	Overload/short circuit (Hicc up type)			
<b>Indication (LED)</b>	O/P			
<b>Single Turn Pots</b>	V set	V set	V set	V set
<b>Termination</b>	13W, 5A, LSTB			
<b>Dimensions apprx.</b>	60W x 128H x 167D (mm) Depth excluding TB			
<b>Weight apprx.</b>	0.6Kg.	0.6Kg.	0.6Kg.	0.6Kg.

MODEL	ESQ0512	EST0515	EST1205
<b>Input Voltage</b>	184-276V AC, 1Phase		
<b>Input Frequency</b>	47-63Hz	47-63Hz	47-63Hz
<b>Output 1 Voltage</b>	4.5-5.5V	4.5-5.5V	10.8-13.2
<b>Output 1 Current</b>	8A (min.load 20% of FL)		3.3A
<b>Output 2 Voltage</b>	+12V	+15V	+5V
<b>Output 2 Current</b>	1.0A	0.7A	2.5A
<b>Output 3 Voltage</b>	-12V	-15V	-12V
<b>Output 3 Current</b>	0.5A	0.7A	0.5A
<b>Output 4 Voltage</b>	-5V	N.A.	N.A.
<b>Output 4 Current</b>	0.5A	N.A.	N.A.
<b>Line Regn. O/P 1-4</b>	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$
<b>Load Regn. O/P 1</b>	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.2\%$
<b>Load Regn. O/P 2-4</b>	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
<b>Output Ripple O/P 1-4</b>	1% P-P	1% P-P	1% P-P
<b>Single Turn Pots for O/P 1</b>	V set	V set	V set
<b>Remote Sensing for O/P 1</b>	Provided	Provided	Provided
<b>Operating Temp.</b>	0 to 50°C	0 to 50°C	0 to 50°C
<b>Protection</b>	Overload/short circuit (Hicc type)		
<b>Indication (LED)</b>	For O/P 1		
<b>Termination</b>	13W, 5A, LSTB		
<b>Dimensions apprx.</b>	60W x 128H x 167D (mm) Depth excluding TB		
<b>Weight apprx (Kg)</b>	0.7	0.7	0.7

*Note: Aplab limited reserves the right to specifications and are subject to change without notice. All dimensions are behind the panel 4 excluding legs.*