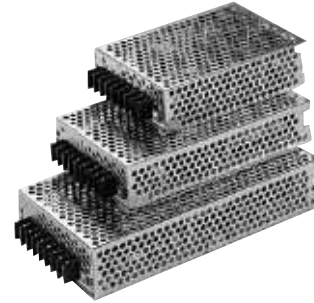


# Enclosed Power Supplies

## ESP Series, 18 – 150 Watt

- = Compact Metal Case with Screw Terminals Block
- = Universal Input 85–264 VAC
- = Adjustable Output
- = EMI/EMC Compliance with EN 61000-6-3/EN 61000-6-1
- = Compliance to EN 61000-3-2 (PFHC)
- = Short Circuit and Overvoltage Protection
- = Highest Industrial Quality Standard



Input voltage range:	85–264 VAC, 50/60 Hz
Line regulation:	±0.2% max.
Load regulation:	±1.0% max.
Output voltage adjustment:	±10% of Vout nom. with potentiometer
Ripple & Noise:	<75 mVpk-pk (20 MHz BW)
EMI suppression:	EN 55011, class B, EN 55022, class B and FCC, level B, EN 61000-3-2, class D
EMC immunity:	EN 61000-6-1
Output current limitation:	at 105–120% of Inom. (constant current)
Over voltage protection:	at 110–130% of Vout nom.
Efficiency:	80% typ.
Operating temperature:	–10°C ... +60°C above 50°C derating 2.0%/C
Safety standards / approvals:	cUL/UL 60950, IEC/EN 60950, CB-Report
Connection:	screw terminal block
Case	stainless steel

Models			
Order code	Output power max.	Output voltage	Output current max.
ESP 18-05SN	18 Watt	5 VDC	3.6 A
ESP 18-12SN		12 VDC	1.5 A
ESP 18-15SN		15 VDC	1.2 A
ESP 18-24SN		24 VDC	0.8 A
ESP 18-48SN		48 VDC	0.4 A
ESP 36-05SN	36 Watt	5 VDC	6 A
ESP 36-12SN		12 VDC	3 A
ESP 36-15SN		15 VDC	2.5 A
ESP 36-24SN		24 VDC	1.5 A
ESP 36-48SN		48 VDC	0.8 A
ESP 60-05SN	60 Watt	5 VDC	10 A
ESP 60-12SN		12 VDC	5 A
ESP 60-15SN		15 VDC	4 A
ESP 60-24SN		24 VDC	2.5 A
ESP 60-48SN		48 VDC	1.2 A
ESP 75-05S	75 Watt	5 VDC	15 A
ESP 75-12S		12 VDC	6.5 A
ESP 75-15S		15 VDC	5.2 A
ESP 75-24S		24 VDC	3.2 A
ESP 75-48S		48 VDC	1.6 A
ESP 100-05S	100 Watt	5 VDC	20 A
ESP 100-12S		12 VDC	8.6 A
ESP 100-15S		15 VDC	7 A
ESP 100-24S		24 VDC	4.4 A
ESP 100-48S		48 VDC	2.2 A
ESP 150-05S	150 Watt	5 VDC	30 A
ESP 150-12S		12 VDC	13 A
ESP 150-15S		15 VDC	10 A
ESP 150-24S		24 VDC	6.5 A
ESP 150-48S		48 VDC	3.3 A

Dimensions			
Type	Length l	Width w	Height h
ESP18	87 (3.41)	71 (2.80)	32 (1.26)
ESP36	115 (4.53)	75 (2.95)	32 (1.26)
ESP60	135 (5.31)	81 (3.15)	37 (1.46)
ESP75	162 (6.38)	88 (3.46)	38 (1.50)
ESP100	187 (7.36)	93 (3.66)	39 (1.54)
ESP150	196 (7.72)	107 (4.21)	45 (1.77)