



THE EVER-TRUSTABLE SOURCE OF POWER

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SPU45E Series

24-50W Single to Triple Output

Desktop AC/DC Switching Adapters

- 90-264 VAC Input
- 2V to 50V DC Outputs
- High Performance
- Built-in EMI Filter
- Low Ripple & Noise
- Overvoltage & Short-Circuit Protections
- UL, cUL, TUV, CB & CE Approved

Input Voltage.....90-264 VAC
 Input Frequency.....47-63 Hz
 Inrush Current.....15A@115VAC, 30A@230VAC cold start
 Output Ratings.....See table
 Line Regulation.....±1% max.
 Hold-up Time.....10 msec minimum at full load & 115 VAC input
 Ripple & Noise.....1% Vp-p max.
 Efficiency.....75% typical at full load & 115 VAC input
 Overvoltage Protection....112% to 132% of main output
 Overload Protection.....150% of maximum load
 Short Circuit Protection..Yes
 Operating Temperature.....0-40°C, no derating; 40-70°C, derate 1.67%/°C
 Temperature Coefficient...±0.04%/°C max.
 MTBF.....>100,000 hours full load @25°C
 Safety Approvals.....UL1950, CSA C22.2 No. 950, IEC950, EN60950
 EMI Standards.....FCC Class B, CISPR22 Class B, VCCI Class B
 Input Socket.....IEC 320/C14, 3-pin inlet
 Output Connector.....DIN or 2.5*5.5*12mm female barrel;
 Other types available on request
 Case Material.....UL type black plastic
 Dimensions, W*L*H.....2.99*5.75*1.69 inches

Model No.	DC Output					
	*Voltage	Imin	Imax	Pmax	Tol.	DC Jack
Single Output Models						
SPU45E-100	2-3V	0A	8A	24W	7%	DIN or Barrel
SPU45E-101	3-5V	0A	8A	30W	5%	DIN or Barrel
SPU45E-102	5-6V	0A	8-6.66A	40W	5%	DIN or Barrel
SPU45E-103	6-8V	0A	7-5.25A	42W	4%	DIN or Barrel
SPU45E-104	8-11V	0A	5.63-4A	45W	3%	DIN or Barrel
SPU45E-105	11-13V	0A	4-3.46A	45W	3%	DIN or Barrel
SPU45E-106	13-16V	0A	3.46-2.81A	45W	3%	DIN or Barrel
SPU45E-107	16-21V	0A	3.12-2.38A	50W	3%	DIN or Barrel
SPU45E-108	21-27V	0A	2.38-1.85A	50W	3%	DIN or Barrel
SPU45E-109	27-33V	0A	1.85-1.51A	50W	3%	DIN or Barrel
SPU45E-110	33-40V	0A	1.51-1.25A	50W	3%	DIN or Barrel
SPU45E-111	40-50V	0A	1.25-1A	50W	3%	DIN or Barrel
<i>*Note: Please specify output voltage when ordering single output models.</i>						
Dual Output Models						
SPU45E-200	+3.3V +12V	0.7A 0.4A	5A 2A	40W	5% 5%	DIN
SPU45E-201	+5V +12V	0.5A 0.2A	5A 2A	45W	5% 5%	DIN
SPU45E-202	+5V +15V	0.5A 0.2A	5A 1.5A	45W	5% 5%	DIN
SPU45E-203	+5V +24V	0.5A 0.1A	5A 1A	45W	5% 5%	DIN
SPU45E-204	+3.3V +5V	0.7A 0.4A	5A 2A	26W	5% 5%	DIN

SPU45E-209	+12V -12V	0.5A 0.2A	3A 1A	45W	5% 5%	DIN
SPU45E-210	+15V -15V	0.5A 0.2A	2A 1A	45W	5% 5%	DIN
SPU45E-215	+5V -24V	0.5A 0.1A	5A 1A	45W	5% 5%	DIN
SPU45E-216	+5.1V +7.2V	0A 0.2A	1A 2.6A	24W	5% 5%	DIN
Triple Output Models						
SPU45E-300	+3.3V +12V -5V	0.5A 0.2A 0.16A	5A 2A 0.8A	45W	5% 5% 10%	DIN
SPU45E-301	+5V +12V -5V	0.5A 0.2A 0.16A	5A 2A 0.8A	45W	5% 5% 10%	DIN
SPU45E-302	+5V +12V -12V	0.5A 0.2A 0.16A	5A 2A 0.8A	45W	5% 5% 10%	DIN
SPU45E-303	+5V +15V -15V	0.5A 0.2A 0.16A	5A 2A 0.8A	45W	5% 5% 10%	DIN
SPU45E-304	+5V +24V -24V	0.5A 0.1A 0.1A	5A 1A 0.5A	45W	5% 5% 10%	DIN
SPU45E-305	+5V +24V -12V	0.5A 0.1A 0.16A	5A 1A 0.8A	45W	5% 5% 10%	DIN

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