

### FEATURES:

Slim wall socket housing  
 2 years warranty period  
 MTBF – 50 000 h  
 Meets energy star level V  
 Universal AC input / full range  
 Universal DC output 5-20



### SPECIFICATION:

output	Model	Voltage DC [V]	Current min [A]	Current max. [A]	Tolerance [%]	Efficiency [%]	Power max. [W]	Ripple & noise [mV]	
	<b>ESPE-AC/90UNI</b>	5-24	0	5	+/- 5	>85	90	300	
DC Voltage [V] / Dc Plug [mm]	18.5V (4.86A)	1.7x4.8mm; 5.0x7.4mm - for Compaq / HP /							
	19V (4,73A)	1.7x5.5mm; 2.5x5.5mm; 3.0x5.5mm - for Acer / Dell / Packard Bell / Asus/ Benq / Fujitsu-Siemens / HP / Lenovo / MSI / Toshiba / etc.							
	19.5V (4,62A)	5.0x7.0mm; 4.4x6.5mm sony / Dell							
	20V (4.5A)	5.5/7.9mm - IBM/ Lenovo							
	5V (2.1A)	USB - Socket							
input	voltage					100 - 240V			
	voltage range					90 - 264V			
	frequency min. / max					47 - 63 Hz			
	frequency					60HZ / 50Hz			
	current					1,6 Amax @ 115VAC			
	inrush current					60 Amax @ 230VAC			
protection	OCP					Overload			
	OVP					Over voltage			
	SC					Short circuit			
	insulation					Class II			
	min. load requirement					No			
others	MTBF					50000h			
	efficiency					> 85 %			
	dimensions / weight					156 x 72 x 18mm / 300g			
environmental	operating temp.					10 ~50 deg C			
	storage temp.					0 ~50 deg C			
	relative humidity					20 ~90% RH			
	storage relative humidity					20% ~90% RH			
safety	CE					EN60950-1			
	TUV - GS					EN60950-1			
EMC	EMI	EN 55022:1998, +A1:2000 +A2:2003, CLASS B							
		CISPR 22:2003, CLASS B							
	EMS	AS/NZS CISPR22: 2004, CLASS B							
		EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 6100-4-3, EN 6100-4-4,EN61000-4-5, EN61000-4-6							
		EN 61000-4-8, EN 61000-4-11							