

PSSL (Power Supply Sourcing Ltd)

The Independent source for your Power

Power Supply Sourcing Ltd, 22 Wetherfield, Stansted, Essex. CM24 8JA
Unit 11, The Maltings, Station Road, Newport, Essex. CB11 3RN
Registered in England: 4083389 VAT Registration No: 759 8063 82

Tel: 01279 813066

Fax: 01279 816035

E-mail: enquiries@powersupplysourcing.co.uk

KSAFH Series of Super Compact 60W Plug Top Adapter



Adapter 108.5 x 54 x 36.5mm

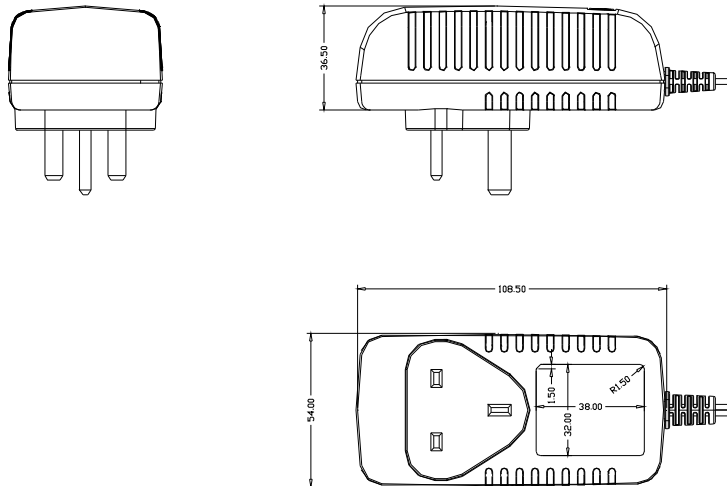
Full Safety Approvals. Ultra low no-load / standby power consumption meeting EC 2005 green power requirement. Light sleek compact design. High efficient circuitry that generates little heat. EMI Filter. Limited power as defined by IEC60950 3rd edition

Input Voltage	90-264V AC
Frequency	47 to 63Hz +/-3Hz
Input Current	1.2A max.
Efficiency	Typical 80%
No-Load I/P Power	Typical 45mA
Power Consumption	1.0W max no loading
Inrush Current	45A for cold start
Output Voltage	See Tables below
Regulation	+/-5%
Output Ripple and Noise	100mV to 240mV Measured with a 0.1uF/50V capacitor across the output terminals and 20mH bandwidth scope
Rise Time	<25mS
Hold Up Time	10mS min
Over Voltage	Via internal protection Zener. Approx. 25% of nominal output
Over Current	Protected 200% of rated outputs.
Output Current	See Tables below
Overload / Short Circuit	Auto recovery
Continuous Output Power 60W	Depending on the output voltage
Withstand Voltage	3000Vac primary to secondary for 1minute 10mA max.
Leakage Current	Will not exceed 0.25mA max at 254Vac
Conducted Emissions	Complies with FCC Part15 Class B for radiated and conducted EN55022: 1992 Class B for radiated and conducted GB9254-1988 GB17625.1-2003 AS/NZS3548 AS/NZS4251.1 VCC1 Class B CNS13438 Class B CISPR22 Class B
Immunity	EN55024/A1:2001 Electrostatic Discharge: 61000-4-2 Radiated electromagnetic fields: 61000-4-3 Fast Transients (burst) 61000-4-4 Surge Transients: 61000-4-5 Conducted Disturbance: 61000-4-6 Voltage Dips (Interruptions and variations): 61000-4-11
Operating Temperature	0 to 40degC
Non-operating Temperature	-20degC to +80degC
Operating Humidity	Typically 10- 90% RH non condensing
Non-Operating Humidity	Typically 10-90% RH non-condensing
Approvals	EN 609050, TUV, GB4943-2001, UL60950, CSA C22.2 No 950, CE marked
Weight	250g
MTBF	50k hours @ 25degC

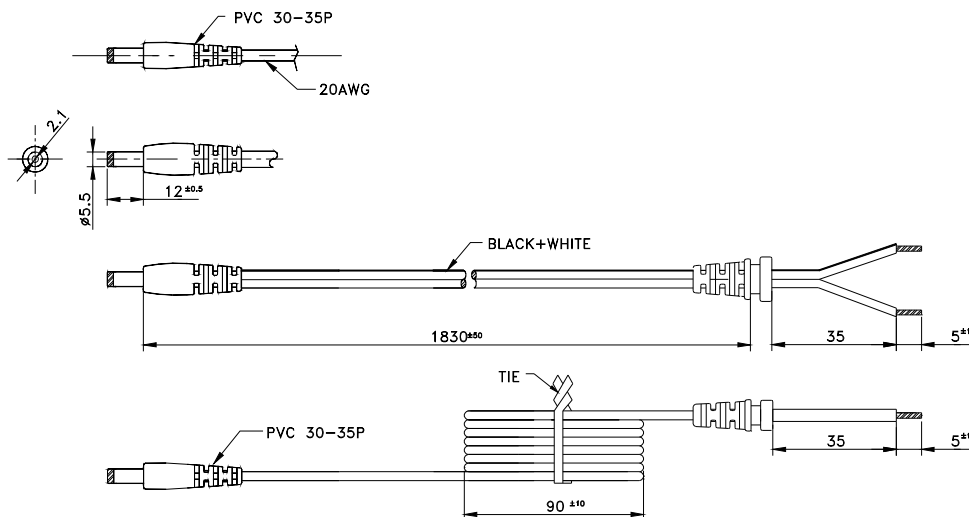
Range of output Voltages

Model No.	DC o/p V	DC o/p I	Accuracy	Noise & Ripple	Regulation	Max o/p W
1	5.0 - 5.5V	4.0A - 5.0A	6%	1% _{mV}	+/-5%	25 - 27.5W
2	5.6 - 6.0V	3.5A - 5.0A	6%	1% _{mV}	+/-5%	28 - 30.0W
3	6.1 - 7.0V	3.5A - 5.0A	6%	1% _{mV}	+/-5%	30.5- 35W
4	7.1 - 7.9V	3.5A - 5.0A	5%	1% _{mV}	+/-5%	35 - 39.5W
5	8.0 - 9.0V	2.5A - 5.0A	5%	1% _{mV}	+/-5%	40.0 - 45W
6	9.1 - 10.0V	2.5A - 5.0A	5%	1% _{mV}	+/-5%	45.0 - 50W
7	10.1 -10.5V	2.5A - 5.0A	5%	1% _{mV}	+/-5%	50 - 52.5W
8	10.6 - 11.0V	2.0A - 5.0A	5%	1% _{mV}	+/-5%	53 - 55W
9	11.0 - 11.6V	2.0A - 55W	5%	1% _{mV}	+/-5%	55W
10	12 - 24.0V	2.0A - 60W	5%	1% _{mV}	+/-5%	60W
11	15 - 16.5V	1.5A -60W	5%	1% _{mV}	+/-5%	60W
12	16.8 - 24.0V	1A - 60W	5%	1% _{mV}	+/-5%	60W

Appearance Drawings



Output Plug and DC Cord



NOTE: (unit:mm)

- 1). WIRE TYPE: 2468 VW-1 80°C 300V L=1830mm 2C 20AWG BLACK+WHITE
BLACK and WHITE-----Positive BLACK-----Negative
- 2). WIRE JACKET MATERIAL: PVC (94V-0)
- 3). THE POLARITY: \ominus \bullet \oplus