

Features

- Universal Input 90~264V AC
- Interchangeable Plugtop Adapters
- Approved to UKCA, CE, TUV-GS, RCM (C-Tick), FCC, RoHS & REACH
- Safety standards to IEC/EN 60950-1
- Single Output 9V DC
- OVP, OCP, OTP, SCP



Ideal Power's 15DYS618-xyW-K 18W AC/DC External Adapter Interchangeable Power Supply (PSU) Series are certified to UKCA, CE, TUV-GS, RCM (C-Tick), FCC, RoHS, REACH & IEC 60950-1/EN 60950-1 Standards and comply with (EU) 2019/1782, Level VI Efficiency Regulations. These are primarily used in ITE, Audio & Video Industries and customised solutions are available upon request.

Models

Model Number	Output Voltage	Output Current	Output Power	Efficiency
15DYS618-090200W-K	9V DC	2A	18W	84%

Input Data

	Min	Typical	Max	Units	Notes
Input Voltage	90	--	264	V AC	100-240VAC +/- 10%
Input Frequency	47	--	63	Hz	60Hz/50Hz Nominal
Input Current	0.5	--	0.2	A	at 90-2640Vac input & Full load
Leakage Current	--	--	0.25	mA	at 264Vac / 50Hz

Output Data

	Min	Typical	Max	Units	Notes
Output Current Range	0.0	--	1.6	A	
Output Voltage Range	8.55	--	9.45	V	
Over Current Protection	--	--	2.5	A	Will recover if fault condition is removed
Short Circuit Protection					Will recover if fault condition is removed
Over Voltage Protection					Will recover if fault condition is removed

Environmental Data

	Min	Typical	Max	Units	Notes
Operating Temperature	0	--	+45	°C	
Storage Temperature	-20	--	+80	°C	
Operating Humidity	10	--	90	%	non condensing
Relative Humidity	5	--	95	%	non condensing

Other Information

	Notes
MTBF	25,000 Hrs @ 80% Load and 25°C ambient temp
Dimensions	78.6x47.5x35mm
Output Cord	20AWG UL2468, 1.5M Black
Output Connector	Output Connector: Lead O/P~OD: 2.1mm, ID: 5.5mm, Length: 12.0mm (H).

Safety Approvals

	Safety Standards
Safety Standards	EN 60950
Approvals	UKCA, CE, cULus, TUV-GS, RCM (C-Tick), PSE, CCC RoHS, REACH

Mechanical Drawing
