

# BPR018S Universal 18 Watt Series

- 100-240 Vac Universal Input
- Single Output to 18W
- Regulated Output with Low Ripple
- Meets Korea Safety Agency Requirements
- EK Compliant
- Metal Enclosure
- Modified and Custom Designs Also Available
- Wire Connection Style



Model	Output Voltage (V)	Maximum Current (A)	Maximum Watts (W)	Ripple & Noise Vp-p max. (mV)
BPR-018-S-40-X-XX	40	0.40	16.0	400

Input Specification	
Input Voltage Range	100 to 240VAC -10%, +10%
Line Frequency	47 to 63 Hz
Input Current	0.3A max. at 90VAC Input
Protection	Internal Primary Current Fuse, Inrush Limiting
Power Factor Correction	0.9 min / 220V @ Full Load

Output Specification		
Line & Load Regulation (at End of Cable)	Line Regulation	+/- 1%
	Load Regulation	+/- 5%
Ripple & Noise	1% Vp-p max.	
Protection	Over-current Protection (Hiccup) Short Circuit Protection	

Environmental Specification	
Operating Temperature	-20°C to 40°C with no derating
Relative Humidity	5% to 95% non-condensing
Altitude	0 - 10,000 feet
Cooling	Convictional

Input Configuration
Wire (E)
Specify the input configuration Code in your Order.

General Specification	
Topology	Switching - Fixed Frequency Flyback
Leakage Current	Less than 250uA
Dielectric Withstand	4242VDC Primary - Secondary 2,150VDC Primary - F.G 500VDC Secondary - F.G
Storage Temperature	-30 °C to 85 °C
Efficiency	84% min
Hold-up Time	no Hold up time
EMI	Complies with EMC Directives
MTBF	100,000 Calculated Hours Minimum.
Approvals and Safety Standards	K61347-2-13, K61347-1, K 62384, K00015 EMC Compliant
Case and Dimension	8.2(L) x 1.7(W) x 1.2(H) [in] 208(L) x 43(W) x 30(H) [mm]
Case Material	Metal
Cord and Connectors	2 Conductor, 18AWG Other cable and connectors are available.

Part Number Key				
<u>BPR018</u>	<u>S</u>	<u>40</u>	<u>X</u>	<u>XX</u>
Product Family Name	Single Output	Output (DC)	Input Configuration	Customer Number

