

# GREENBOARD

SMART TECHNOLOGY POWER PROTECTION  
AND FILTRATION



x8+

MODEL: B12R

## POWER PROTECTION



## NOISE FILTRATION



## WARRANTY



## REACTION TIME



## FEATURES

-  8 PROTECTED OUTLETS
-  2 ISOLATED BANKS
-  2 USB PORTS
-  REMOTE SWITCH
-  AERIAL PROTECTION
-  PAY TV PROTECTION
-  DATA/VOICE PROTECTION  
NBN COMPATIBLE
-  LARGE PLUG ADAPTOR
-  1.8M CABLE LENGTH
-  FIRE RETARDANT
-  6 YEAR REPLACEMENT WARRANTY

## PROTECTS

-  OLED/LCD TV
-  SMARTPHONES
-  TABLETS
-  HIFI AND HOME THEATRE
-  ACTIVE/PASSIVE SPEAKERS
-  INTERNET  
REDUCES NBN/ADSL DROPOUT
-  COMPUTERS
-  PRINTERS AND SCANNERS
-  GAMING  
IMPROVES SPEED

MODEL: B12R

# SMARTFILTER 8+

## CLEVER PROTECTION FOR SMART TECHNOLOGY

Green Board has two unique isolated banks offering fail-safe protection for your valuable electronic equipment, plus advanced noise filtering for improved sound and video quality. One of the banks (green 4 outlets) can also be turned "Off/On" by using the remote switch (inc USB) or if connecting into an automated home system using a relay contact can be controlled remotely too.

- 1 Remote switch
- 2 2 USB ports
- 3 AV/TV connection (in and out)
- 4 Bank 2 (4 remote outlets): Surge protection and filtering
- 5 Bank 1 (4 permanent outlets): Surge protection and filtering
- 6 Large plug adaptors
- 7 RJ 45 data protection (1 in and 2 out)
- 8 Resettable safety 10 amp circuit breaker



The Thor SmartBrain not only protects from surges, it also filters and cleans electrical frequency noise. Cascade Filter "cleans" around 20% more frequencies than other filtered boards to give you unbeatable sound and video quality. Enjoy a truer AV experience with better picture quality and purer sound. Can also improve computer gaming speeds and fix internet dropouts.

### TECHNICAL SMARTS

Supply voltage 240V AC 50/Hz | Maximum current rating 10amps/2400 W (VA) | Clamping voltage 275VAC | Reaction time less than 1 nanosecond | Maximum transient spike impulse current 196,000 amps (equivalent to 49,000 amps using UL1449 standard) | Maximum energy dissipation | 4890 Joules (equivalent to 1750 Joules using UL1449 standard) | Protection modes (all 8 outlets protects on all 3 conductors): Active/Neutral, Active/Earth, Neutral/Earth | EMI/RFI noise reduction filter type. Cascade dual bank isolation with 2 cascading circuits | Number of multi-stage filter banks: 2 | Number of isolated banks: 2 | Number of dedicated outlets: 4+4 | Total number of protected AC outlets: 8 | RJ 45 data protection: 1 in and 2 out | AV/TV Connection: In and out | Cable TV 'F' type connection: In and out | Earth potential rise protection | Earth leakage range less than 1 milli amp | Operating conditions: Indoor/AC mains | Operating temperatures: -10C/+60C | Cable length: 1.8m | Model No: B12R

### INSIDE THE SMART BRAIN

There are 4 separate earth lines which is a hum/loop reducing feature. This feature stops component cross talk and ensures isolation between the 2 x AC Banks (2 x 4 outlets) as well as the antenna/F type and Data connections. True circuit isolation ensures best performance for all connected equipment.



THOR Technologies Pty Ltd  
PO Box 95, Karingup Western Australia 6921  
thortechnologies.com.au



AUSTRALIAN DESIGNED  
AND ENGINEERED  
Made in China