

GRESHAM

GRS-TPS300 / 600 DC suppressor

Ruggedized, ideal for vehicle (including tracked) applications

Ideal for electronically noisy environments such as found on vehicles (including tracked vehicles). These modules provide continuous “ride through” power.

Features

- 300W & 600W DC suppressor
- Removes input over voltage surges
- Baseplate cooled
- Clean, reliable power in vehicles
- 99% efficient



Description

Intended to operate from electronically noisy supplies such as those found on vehicles, these power suppressors remove the harmful surges and spikes which could destroy DC/DC convertors.

Built on aluminium baseplate the GRS-TPS300/600 surge suppressors are built to survive in hostile environmental conditions.

Electrical Specification Input

- Input range 18V to 40V, 10V for 7 to 30 seconds
- DC input surge protected to over 200V
- Reverse polarity protection to -40V
- Output and input isolated case
- Up to 300W of power through the GRS-TPS300 and 600W through the GRS-TPS600

Output

- Limited to 40VDC during worst case surges on the input
- Output follows input between 18 to 40V input with less than 0.36V drop
- Output continues through surges, so called “ride through”

