

700 Watt, DBS Series, DC-DC Converter (Single Output)



- High Input – 200~400VDC
- Regulated Outputs
- 3000V Isolation
- Industry Standard Encapsulated Package
- Full Brick
- Over Voltage and Current Protection
- High Efficiency up to 91%
- -40 to +100 °C Operational Temperature Range



Specification (typical values shown)

Input Range.....	200~400 Volts DC
Outputs.....	Single (see table below plus trim 60~110%)
Start Up Time.....	200ms max
Line Regulation.....	dependent on output voltage – consult office
Load Regulation.....	dependent on output voltage – consult office
Efficiency.....	See table for each model
Over Current Protection.....	above 105% of nominal rated output, automatic recovery
Isolation Voltage.....	I/P~O/P: 3000 VDC
Operating Temperature.....	-40 to +100 °C
Storage Temperature.....	-40 to +100 °C
Approval.....	UL60950-1, cUL, EN60950-1, EN50178
Case Material.....	Aluminium baseplate, Polycarbonate Case
Weight.....	180 g

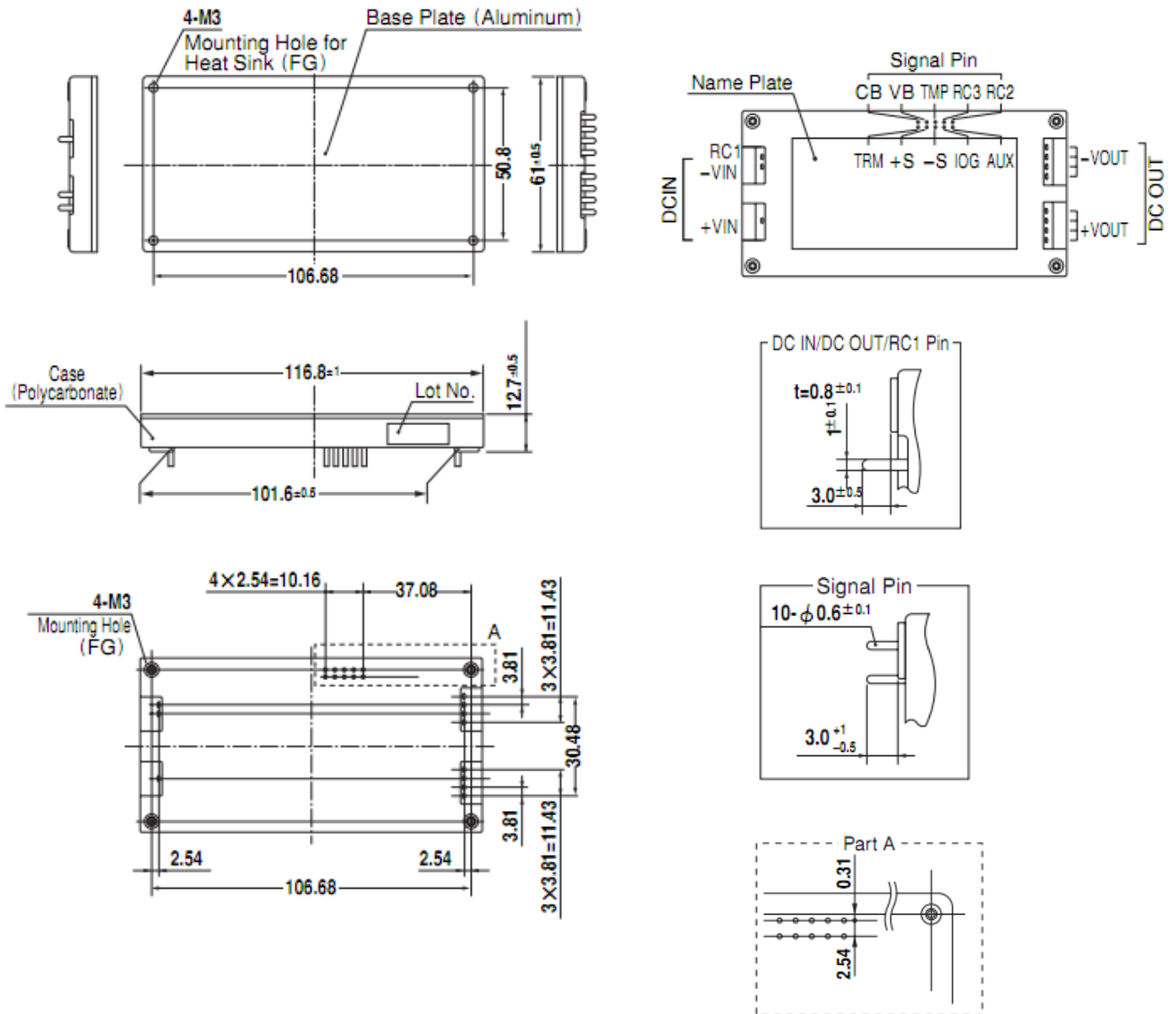
Models and Ratings

Model	Input Range	Output Voltage	Output Current	Efficiency
DBS700B12		12.0 V	58.0 A	90%
DBS700B24		24.0 V	29.0 A	90%
DBS700B28		28.0 V	25.0 A	90.5%
DBS700B24		36.0 V	19.5 A	90%
DBS700B28		48.0 V	14.5 A	91%

For mechanical data and pinout, see next page

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Mechanical Details and Pin-Out



Specifications may change without notice, E&OE. ALL PSU Terms & Conditions apply
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