

100/150 Watt, DBS Series, DC-DC Converter (Single Output)



- High Input up to 160 VDC
- Regulated Outputs
- 3000V Isolation
- Industry Standard Encapsulated Package
- Full Brick
- Over Voltage and Current Protection
- High Efficiency up to 87%
- -20 to +85 °C Operational Temperature Range



Specification (typical values shown)

Input Range.....	45~160, 66~160 Volts
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.....	-20 to +85 °C
Storage Temperature.....	-40 to +85 °C
Approval.....	UL60950-1, cUL, EN60950-1
Case Material.....	Aluminium baseplate, Polycarbonate Case
Weight.....	150 g

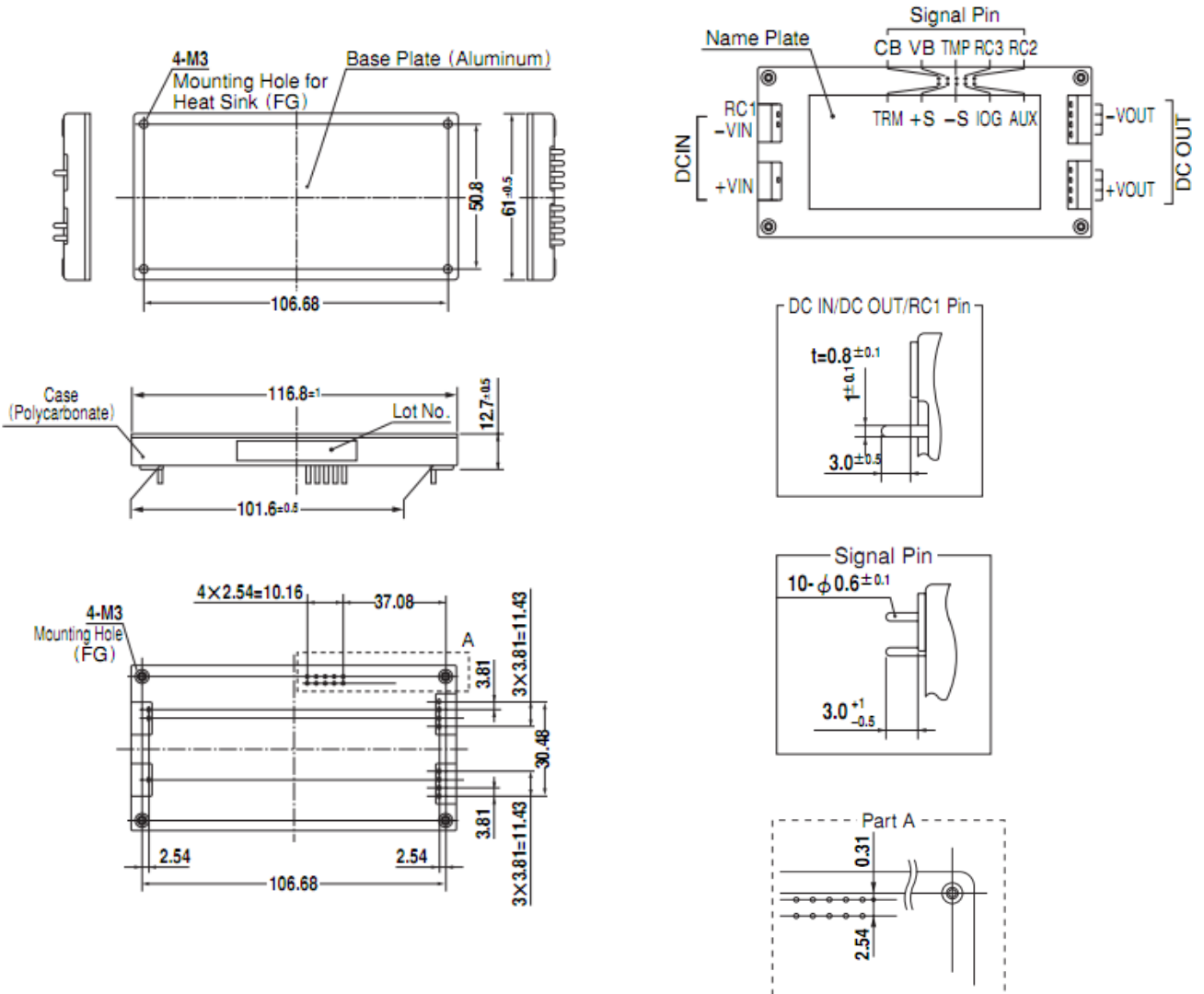
Models and Ratings

Model	Input Range	Output Voltage	Output Current	Efficiency
DBS100A05	45~160 VDC	5.0 V	20.0 A	82%
DBS100A13R8		13.8 V	7.3 A	83%
DBS150A12	66~160 VDC	12.0 V	12.5 A	87%
DBS150A15		15.0 V	10.0 A	86%
DBS150A24		24.0 V	6.3 A	87%

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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