

# **SPECIFICATIONS**

## **SDFP(S)1525-17**

<b>Performance Characteristics</b>	
Peak Power	4.1 kW
Peak Output Voltage	± 164 vdc (shut off @ 205 vdc)
Peak Output Current	± 25 amps (1 sec.)
Max. Continuous Current	± 15 amps (50 °C), ± 19 amps (25 °C)
<b>Electrical Characteristics</b>	
Input Signal Voltage	± 10 vdc (typ.), ± 35 vdc (max.)
System Gain	0 to 10,000 amps/volt
Input Impedance	40 k Ohms
Typical Input Drift	10 µV/°C
Bandwidth	2 kHz with 1.2 mH Inductance
Dead Band	Zero
<b>Input Power Requirements</b>	
Input Voltage	60-170 vdc
<b>Adjustments</b>	
Peak Current Limit	0 to 25 amps
RMS Current Limit	0 to 19 amps
Signal Command Input	Scaling
Balance	Zero velocity offset
Compensation	System response
Tachometer	Scaling
<b>Diagnostics</b>	
	LED indication
GREEN	LED 1 – RUN GREEN - AMPLIFIER OPERATIONAL
RED	LED 2 – BUS OVER VOLTAGE
RED	LED 3 – EXCESSIVE RMS CURRENT/ OVER TEMP
RED	LED 4 – SURGE/GROUND FAULT
<b>Physical Characteristics</b>	
Module Dimensions (L x W x H)	6.5 in. x 1.4 in. x 4.5 in.
Weight	1.1 lbs
Ambient Temperature – Operating	0 °C to 50 °C
Shutdown Temperature	80 °C at heat sink
Relative Humidity	5 - 95% non-condensing