

10. SPECIFICATIONS

Models	HCS-3150
Output	
Variable Output Voltage	1 – 18VDC
Variable Output Current	0 - 15A
Voltage Regulation	
Load (10-100% Load)	50mV
Line (90-264VAC Variation)	20mV
Current Regulation	
Load (10-90% Rated Voltage)	100mA
Line (90-264VAC Variation)	50mA
Ripple & Noise	
Ripple & Noise (r.m.s.) Voltage	5mV
Ripple & Noise (peak-peak) Voltage	50mV
Current Ripple & Noise (r.m.s.)	30mA
Meter Type & Accuracy	
Voltage Meter	3 Digit LED Display $\pm 0.2\%$ +3 counts
Current Meter	3 Digit LED Display $\pm 0.2\%$ +3 counts
Other	
Input Voltage	100 – 240VAC 50/60Hz~
Full Load Input Current (230/100Vac)	1.6 / 3.5A
Efficiency (@ 230Vac)	84%
Switching Frequency	100 – 120Khz~
Tracking Over Voltage Protections	O/P 1-5V: set voltage +2V O/P 5-18V: set voltage +3V
Transient Response Time (50-100%Load)	1.5ms
Power Factor Control	Power factor correction >0.95 at optimal load
Cooling Method	Thermostatic Control Fan from Zero to full speed
Protections	Overload, Short Circuit by Constant Current, Output Tracking Over Voltage, Over Temperature
Special Features	3 User defined VI preset, Remote control V, I and output on-off
Preset Cycle Programming	Max. 20 presets of V & I Max. preset time 99min. + 59sec. Max. preset cycle 999
Accessory	User Manual, Application Software, USB cable
Approvals	CE EMC: EN 55011, 55022 LVD: EN 60950, 61010
Dimensions (WxHxD)	200 x 90 x 208 mm 7.9 x 3.5 x 8.2 inch
Weight	2.4 kg 5.2 lbs