



Design Features

- Wide Range Input Voltage
- High Efficiency Design
- Hi Ingress Rating, IP 676
- Adjustable Output Voltage
- Optional Remote Output Voltage Sensing
- Optional Remote On/Off switching
- Low Voltage cutout
- High Voltage cutout
- Electronically Current Limited
- Thermally Protected
- Low No Load Power Consumption
- I/O Bayonet Quick Connection

	MODEL NO.	882 HS
INPUT	NOMINAL INPUT VOLTAGE RANGE	22 VDC to 60VDC
	MAXIMUM INPUT VOLTAGE RANGE	20 to 65 VDC
	INPUT CURRENT	9A @ 24 Vin with 15A @ 13.0 Vout
	INPUT CURRENT AT NO LOAD	< 150 mA over entire input/output voltage range
OUTPUT	OUTPUT VOLTAGE NOMINAL	13.6 VDC (factory adjusted)
	OUTPUT VOLTAGE ADJUSTMENT RANGE	11.8 VDC to 14.5 VDC (internally accessible to user)
	OUTPUT LOAD REGULATION	200 mV (without remote sensing) 30 mV (with remote sensing)
	OUTPUT VOLTAGE REGULATION	< 0.2%
	OUTPUT RIPPLE	50 mV RMS at maximum load (measured at 25C)
	MAXIMUM CONTINUOUS OUTPUT POWER	450 W
	POWER SURGE	500 W
	MAXIMUM LOAD CURRENT	30 ADC, for output voltage setting 12.0-14.0 VDC
PROTECTION	EFFICIENCY	Not less than 95% over entire operating range
	LOW INPUT VOLTAGE SHUTDOWN	< 10.5 +/-0.3 VDC
	HIGH INPUT VOLTAGE SHUTDOWN	> 61.0 VDC
	OVERLOAD SHUTDOWN	Knee current limit starting at 110% of maximum current
	ISOLATION	Ground (return) common to input and output
	OVER TEMPERATURE SHUTDOWN	Via internal thermostat, self resetting
	COOLING	By conduction through base plate and convection
CONNECTIONS	FUSING	Customer accessible by front panel removal
	INPUT/ OUTPUT CONNECTION	Via 9 pin Bayonet connector
	REMOTE TURN ON	Via pin to negative return on input connector, may be disabled via internal jumper
GENERAL	REMOTE SENSE	Via 2 pins on the output connector usage is optional
	OPERATING TEMPERATURE RANGE	-40C to 70C, 100% loading
	OPERATING HUMIDITY	100%
	INGRESS RATING	IP 676
	MOUNTING SLOT CENTERS (in./cm.)	6.0 x 7.3 / 15.2 x 18.5
	DIMENSIONS, (in./cm.) (L x W x H)	9.5 x 8.0 x 2.9 / 24.1 x 20.3 x 7.4
HOUSING MATERIAL	All Aluminum	
	WEIGHT (lb./kg.)	7.0 / 3.2

NOTE: Specifications are subject to change without notice.

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