



#### 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.	628 HS
INPUT	NOMINAL INPUT VOLTAGE RANGE		12 VDC to 28 VDC
	MAXIMUM INPUT VOLTAGE RANGE		10.5 to 32.0 (+, - 0.5) VDC
	INPUT CURRENT AT 15A OUTPUT CURRENT		38A @ 11.5 Vin; 26.0 Vout
	INPUT CURRENT AT NO LOAD		< 150 mA over entire input/output voltage range
OUTPUT	OUTPUT VOLTAGE NOMINAL		26.0 VDC (factory adjusted)
	OUTPUT VOLTAGE ADJUSTMENT RANGE		16.0 VDC to 28.0 VDC (internally accessible to user)
	OUTPUT LOAD REGULATION		<1.6% (with local sensing) <30 mV (with remote sensing)
	OUTPUT VOLTAGE REGULATION		<2%
	OUTPUT RIPPLE		50 mV RMS at maximum load (measured at 25C)
	MAXIMUM CONTINUOUS OUTPUT POWER		450 W
	POWER SURGE		550 W
	MAXIMUM LOAD CURRENT		15 ADC, for output voltage setting 16.0 VDC - 28.0 VDC
	EFFICIENCY		Not less than 90% over entire operating range
PROTECTION	LOW INPUT VOLTAGE SHUTDOWN		< 10.5 +/-0.3 VDC
	HIGH INPUT VOLTAGE SHUTDOWN		> 32.0 +/- 1.0 VDC
	OVERLOAD SHUTDOWN		Set to shut off at 110% of maximum current with continuous automatic retry
	OVER TEMPERATURE SHUTDOWN		Via internal thermostat, self resetting
	COOLING		By Conduction through base plate and convection
	FUSING		Customer accessible by front panel removal
CONNECTIONS	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
	REMOTE SENSE		Via 2 pins on the output connector usage is optional
GENERAL	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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