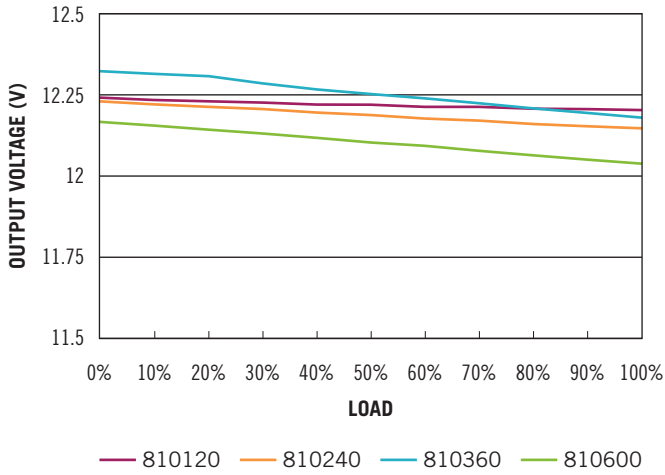


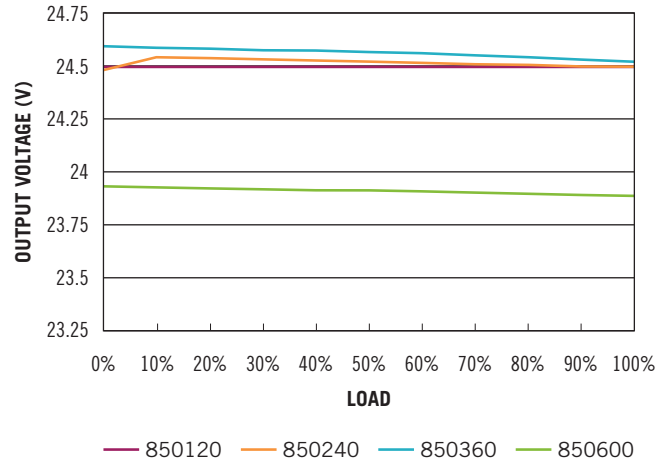
MODEL		810120 UL CLASS 2	850120 UL CLASS 2	810240 UL CLASS 2	850240 UL CLASS 2	810360 UL CLASS 2	850360 UL CLASS 2	810600 UL 1012	850600 UL 1012
<b>OUTPUT</b>	DC Voltage	12V	24V	12V	24V	12V	24V	12V	24V
	Rated Current	1A	0.5A	2A	1A	3A	1.5A	5A	2.5A
	Rated Power	12W		24W		36W		60W	
	Voltage Tolerance	+/-0.5V							
	Start-up Time (Typ.)	<500ms							
<b>INPUT</b>	Voltage Range	100 – 120VAC							
	Frequency Range	50/60Hz							
	AC Current (Typ.)	0.3A	0.3A	1A	1A	1A	1A	1.2A	1.2A
	Efficiency (Typ.)	84%	87%	87%	88%	88%	88%	90%	91%
	Power Factor (Typ.)	0.50c @ 120VAC and full load							
	Inrush Current (Typ.)	29A / 120VAC		35A / 120VAC		36A / 120VAC		38A / 120VAC	
	Leakage current	<0.5mA / 120VAC							
<b>GUARDS</b>	Over Current	Hiccup mode, auto-recovery upon removal of fault condition							
	Short Circuit	Hiccup mode, auto-recovery upon removal of fault condition							
<b>ENVIRO.</b>	Ta	4°F (-20°C) to 104°F (40°C)							
	Working Humidity	20 – 90% Relative Humidity, non-condensing							
	Storage Temp. & RH	-40°F (-40°C) to 176°F (80°C), 10 – 95% Relative Humidity							
	Vibration	10 – 500Hz, 2G 10min./1 cycle, period for 60min. each along X, Y, Z axes							
<b>SAFETY &amp; EMC</b>	Safety Standards	UL Std. 8750, CAN/CSA Std. C22.2 No. 250.13; Class 2 Power Supply, ETL Listed for dry and damp location use							
	Withstand Voltage	I/P – O/P: 1.2KVAC							
	Isolation Resistance	I/P – O/P: 100M Ohms / 500VDC / 25°C / 70% RH							
	EMC Emission	Compliance to FCC Part 15B (>=50% loading)							
<b>OTHER</b>	MTBF	292K hrs min.		318K hrs min.		308K hrs min.		300K hrs min.	
	Cooling	Free Air Convection							
	Life Time*	30,000 hours							
	Case	Fully isolated polycarbonate plastic case with built in terminal block for direct-wire connections							
	Dimensions	4.06" L x 1.39" W x 0.67" H (103mm L x 35.4mm W x 17mm H)		5.24" L x 1.69" W x 1.22" H (133mm L x 42.8mm W x 31mm H)		5.24" L x 1.69" W x 1.22" H (133mm L x 42.8mm W x 31mm H)		6.69" L x 2.32" W x 1.30" H (170mm L x 59mm W x 33mm H)	

\*Note: Life time tested under adverse operating conditions with ambient air temperature at 104°F and under full wattage load, failure rate <10%.  
Note: All parameters NOT specially mentioned are measured at 120VAC input, rated load and 25°C of ambient temperature.

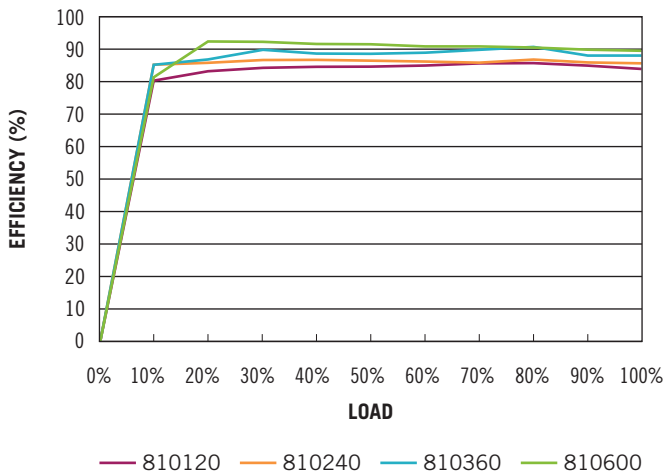
**OUTPUT VOLTAGE VS LOAD (1)**



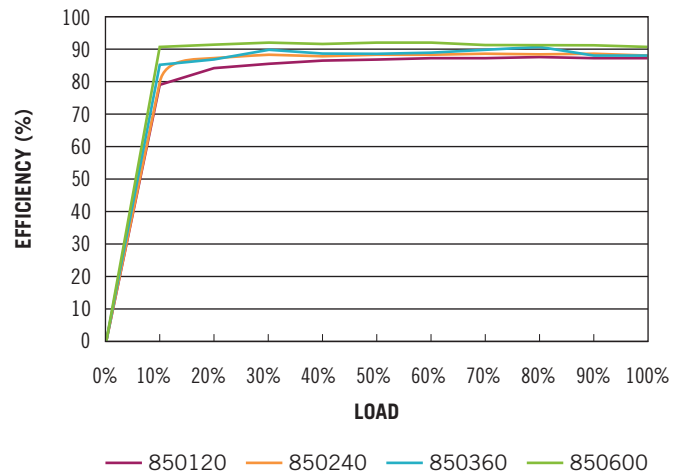
**OUTPUT VOLTAGE VS LOAD (2)**



**EFFICIENCY VS LOAD (1)**



**EFFICIENCY VS LOAD (2)**



To learn more, see [armacostlighting.com](http://armacostlighting.com) or contact [support@armacostlighting.com](mailto:support@armacostlighting.com).