



EDA20 SERIES

AC-DC ENCLOSED SWITCHING POWER SUPPLY



FEATURES

- UL / cUL / TUV / CE
- UNIVERSAL INPUT 88~264VAC
- SHORT CIRCUIT PROTECTION
- INTERNAL INPUT FILTER
- 2 YEARS WARRANTY
- HIGH EFFICIENCY UP TO 87%
- HIGH AVERAGE EFFICIENCY MEET EUP
- LOW STANDBY POWER CONSUMPTION



MODEL LIST

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (min.)	EFF. (typ.)	EFF. (avg.)
Single Output Models							
EDA20-05	88~264 VAC	20 WATTS	+ 5 VDC	4000 mA	81%	83%	80%
EDA20-12	88~264 VAC	20.4 WATTS	+ 12 VDC	1700 mA	84%	86%	83%
EDA20-15	88~264 VAC	21 WATTS	+ 15 VDC	1400 mA	85%	87%	84%
EDA20-24	88~264 VAC	21.6 WATTS	+ 24 VDC	900 mA	85%	87%	84%

SPECIFICATION

All Specifications Typical At Nominal Line, Full Load, 25°C Unless Otherwise Noticed

GENERAL							
Characteristics	Conditions		min.	typ.	max.	unit	
Switching frequency	Vi nom, Io nom			65		KHz	
Isolation voltage	Input-Output		3000 / 4242			VAC / VDC	
	Input-FG		1500 / 2121			VAC / VDC	
Isolation resistance	Input-Output, @ 500VDC		100			MΩ	
Ambient temperature	Operating at Vi nom		-40		+ 71	°C	
Derating (see derating curve)	Vi nom, from 61°C to +71°C				2.5	% / °C	
Storage temperature	Non operational		-40		+ 85	°C	
Relative humidity	Vi nom, Io nom		20		95	% RH	
Temperature coefficient	Vi nom, Io min				± 0.03	% / °C	
MTBF	Bellcore Issue 6 @40°C, GB		5V model	729000		Hours	
			12V model	740000		Hours	
			15V model	746000		Hours	
			24V model	772000		Hours	
Altitude during operation	IEC 60068-2-13				4850	m	
Dimension			L92 x W54 x D30				mm
Cooling	Free air convection						