



ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

AC/DC SWITCHING POWER SUPPLY
DUAL CHANNEL OUTPUT
150 WATTS

HLE SERIES



General Description

Features

- 1.

Options

Remote control

Application

Broad needs

Input

Input Voltage: 100/115/200/230

Input Voltage Range: 85~132/ 170~264

Frequency: 50/60Hz

Frequency Range: 47~440Hz

Phase: Single

Inrush Current: *1 15A at 200VAC



ETA USA

16170 Vineyard Blvd. Suite 180, Morgan Hill, CA 95037
Phone: 1-800-ETA-POWR, (408) 778-2793 Fax: (408) 779-2753

Visit us at: www.eta-usa.com
email at: sales@eta-usa.com

Output Characteristic		Models
	Unit	HLE
Output Voltage	Vdc	12/14 (can change system)
Output Current	A	11
Ripple & Noise(max)	mVpp	220
Voltage Adjust Range	V	Output voltage variable range 3~12/14 [attaching VR10 outside V] fixed $\pm 3.5\%$ [k Ω] or, voltage 0~5 [V] impression
Rise time	mS	No information
Hold up time	mS	10 (min.)
Regulation		
a. Line Regulation [max]	mV	160
b. Load Regulation	mV	Because of the stationary load operational private machine, it does not stipulate
c. Temperature Coefficient		0.03%/°C
d. Drift(maximum)	mV	95
e. Dynamic Load Regulation (typ.) *2	mV	No information
f. Recovery Time *2	mS	No information

Efficiency *1	%	72% typ.
Power Factor *1		No information



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Environmental Specification	
Operating Temperature*3	-10 to +71 °C
Operating Humidity	20~90% RH
Storage Temperature	-20 to +85 °C
Storage Humidity	10~95% RH
Withstanding Voltage	Primary-Secondary AC3,000V for 1minute Primary-Frame Ground AC2,500V for 1minute Secondary-Frame Ground AC1,000V for 1minute *Sensory Current: Secondary Frame Ground (20[mA])/Others (10[mA])
Isolation Resistance	Primary-Secondary-Frame Ground 100MΩ(minimum) by DC500V insulation tester
Vibration	5~10Hz:10mm double amplitude, 10~55Hz:19.6m/s ² , 20 minute cycle each along X,Y,Z axes(non-operating)
Shock	294 m/s ² on x,y,z axis
Cooling	Convection
Leakage current	No information
Environmental Agencies	
Line Conducted Noise [EMI]	No information
Line Harmonic Distortion/Current	Info soon
Safety	No information
Function/Protection	
Over current Protection	Not available
Over voltage Protection	Not available
Remote Sense	Not Available
Remote Control	Not Available
Series Operation	No information
Parallel Operation	No information
Driving Indicator	No information
Mechanical	
Dimension [mm]	100W x 210L x 47H
Weight [g] (typical)	850g



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