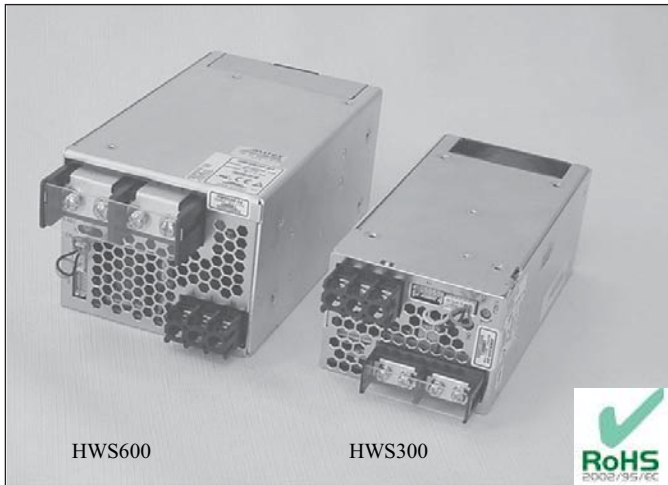


HWS 300 - 600 SERIES

AC/DC Single Output: 300 - 600 Watts



Features

- Universal input 85~264 VAC
- Short circuit and OVP protection
- Harmonic correction EN61000-3-2
- Power factor correction
- EMC: EN55022
- Immunity: EN61000-4
- International safety approvals
- LED indicator
- Wide voltage adjustment
- Suitable for a wide range of telecommunications and industrial applications
- Medical Grade Option add –ME to model
- Industrial Grade Option add –HD to model

MODEL	Output			Power W
	V	A	(V Range)	
HWS300 - 5	5.0V	60A	4.0 - 6.0V	300W
HWS300 - 12	12.0V	27A	9.6 - 14.4V	324W
HWS300 - 24	24.0V	14A	19.2 - 28.8V	336W
HWS300 - 48	48.0V	7A	38.4 - 52.8V	336W
HWS600 - 3	3.3V	120A	2.6 - 3.9V	360W
HWS600 - 5	5.0V	120A	4.0 - 6.0V	600W
HWS600 - 12	12.0V	53A	9.6 - 14.4V	636W
HWS600 - 15	15.0V	43A	12.0 - 18.0V	645W
HWS600 - 24	24.0V	27A	19.0 - 28.8V	648W
HWS600 - 48	48.0V	13A	38.4 - 52.8V	624W

Instruction manual, application notes and further technical information is available from our website: www.amtex.com.au/ApplicationNotesPower.htm

Specifications

INPUT VOLTAGE:	85~264 VAC. 120~370 VDC
INPUT CURRENT:	HWS 300: 4.0 - 2.0A @ 115 - 230 VAC HWS600: 8.0 - 3.9A @ 115 - 230 VAC
POWER FACTOR:	0.99 - 0.95 @ 115 - 230 VAC
HARMONICS:	EN61000 -3 -2
OUTPUT POWER:	300~600 watts
EFFICIENCY:	Model dependant: 78 - 86%
OUTPUT VOLTAGE:	See table
RIPPLE & NOISE:	Model dependent: 120~350mV 3.3V~48V output
LINE REGULATION:	Typically $\pm 0.4\%$
LOAD REGULATION:	Typically $\pm 0.6\%$
TEMP CO-EFFICIENT:	0.02% per °C
OVERLOAD PROTECTION:	3V - 5V constant current limiting, hiccup mode with auto recovery. 12 - 48V constant current limiting with auto recovery.
OVERVOLTAGE PROTECTION:	OVP will shutdown unit. Recycle AC power after 30 seconds to restart
OVERTEMP. PROTECTION:	OTP will shut down unit. Recycle AC power after cooling down to restart
HOLD-UP TIME:	Typically 20 ms
PARALLEL OPERATION:	YES
REMOTE SENSE:	YES
REMOTE ON/OFF:	YES. TOG terminal short to CNT
PF SIGNAL:	Open collector output
INDICATOR:	LED for DC OK
OPERATING TEMP:	-10°C to +70°C. Request derating graphs above 50°C
HUMIDITY:	30-90% RH no dewdrop
COOLING:	Forced air by internal fan
ISOLATION:	Input - Output/Case: 3KVAC/2KVAC Output - Case: 500VAC
SAFETY:	UL60950,EN60950,CSA60950,UL508,EN50178
EMI:	EN55011/EN55022-B
IMMUNITY:	EN61000-4-2, -3, -4, -5, -6, -8, -11
WEIGHT:	HWS300: 1kg. HWS600: 1.6kg
DIMENSIONS: (Includes terminals)	HWS300: 188 x 82 x 61mm HWS600: 188 x 100 x 82mm

