

HiTRON PRODUCTS SHORT FORM CATALOG

EXTERNAL ADAPTOR SWITCHING MODE POWER SUPPLIES

WALLMOUNT & DESKTOP FORMATS

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	AC PLUG	SHAPE	SAFETY
HES10-S,D	10-12W Output 1.3-1.56W/cubic inch.	90-264Vac Universal Input	Single & Dual.	3.07X2.13X1.26 inch. 78.0X54.0X32.0 mm 168.0g(5.93 Oz.)			
HES10-PT-S,D	10-12W Output 1.3-1.56W/cubic inch.	90-264Vac Universal Input	Single & Dual.	3.29X2.27X1.63 inch. 83.6X57.7X41.5 mm 210.0g(7.41 Oz.)			
HES10-DT -S,D	10-12W Output 1.3-1.56W/cubic inch.	90-264Vac Universal Input	Single & Dual.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 232.0g(8.18 Oz.)			
HES12-S	12W Output 2.3W/cubic inch.	90-264Vac Universal Input	Single only.	2.33X1.74X1.28 inch. 59.3X44.3X32.5 mm 113.0g (4.0 Oz.)			
HEG12-S Green Power	12W Output 2.3W/cubic inch.	90-264Vac Universal Input	Single only.	2.33X1.74X1.28 inch. 59.3X44.3X32.5 mm 113.0g (4.0 Oz.)			
HES14-S,D,T	14-16W Output 1.12W/cubic inch.	90-264Vac Universal Input	Single, Dual & Triple.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 330.0g(11.6 Oz.)			
HES15-S,D,T,Q	15-16W Output 0.68W/cubic inch.	90-264Vac Universal Input	Single, Dual , Triple & Quad.	4.49X2.60X1.89 inch. 114.0X 66 X48.0 mm 281.0g(10.5 Oz.)			
HES18-S	16-18W Output 2.0-2.3W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 168.0g(5.93 Oz.)			
HES24-S,D,T	24-26W Output 1.89W/cubic inch.	90-264Vac Universal Input	Single, Dual & Triple.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 330.0g(11.6 Oz.)			
HEG24-S Green Power	20-36W Output 2.67W/cubic inch.	90-264Vac Universal Input	Single only.	3.50X2.43X1.30 inch. 89.0X61.7X33.0 mm 240.0g(8.50 Oz.)			
HES25-S	20-36W Output 2.67W/cubic inch.	90-264Vac Universal Input	Single only.	3.50X2.43X1.30 inch. 89.0X61.7X33.0 mm 240.0g(8.50 Oz.)			
HES34-S	25-36W Output 2.7W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110X58.0X32.3 mm 330.0g(11.6 Oz.)			

HiTRON PRODUCTS SHORT FORM CATALOG

WALLMOUNT & DESKTOP FORMATS

DATE: June 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	AC PLUG	SHAPE	SAFETY
HEG42-S Green power	42W Output 3.3W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110.0X58.0X32.3mm 320.0g(11.3 Oz.)			
HES51-S	45-51.0W Output 4.67W/cubic inch.	90-264Vac Universal Input	Single only.	4.12X2.39X1.12 inch. 104.6X60.7X28.5 mm 185.0g(6.53 Oz.)			
HES61- S,D,T	50-60W Output 1.36W/cubic inch.	90-264Vac Universal Input	Single, Dual & Triple.	6.46X3.35X2.09 inch. 164.0X85.0X53.0 mm 531.0g(18.73 Oz.)			
HES65- S	60.0-65.0W Output 4.2W/cubic inch.	90-264Vac Universal Input	Single only.	4.92X2.47X1.26 inch. 125.0X61.78X32.0mm 320.0g(11.3 Oz.)			
HEP70S With PFC	68.0W Output 5.83W/cubic inch.	90-264Vac Universal Input	Single only.	5.00X2.01X1.16 inch. 127.0X51.0X29.5 mm 324.0g(11.5Oz.)			
HES75-S	75.0W Output 6.45W/cubic inch.	90-264Vac Universal Input	Single only.	5.00X2.01X1.16 inch. 127.0X51.0X29.5 mm 324.0g(11.5Oz.)			
HEG75-S Green power With PCT	60-75.0W Output 5.15-6.5W/cubic inch.	90-264Vac Universal Input	Single only.	5.00X2.01X1.16 inch. 127.0X51.0X29.5 mm 324.0g(11.5Oz.)			
HEPG98-S Green power With PFC	100.0W Output 5.43 W/cubic inch.	90-264Vac Universal Input	Single only.	5.91X2.36X1.32 inch. 150.0X60.0X33.5 mm 324.0g(11.5Oz.)			

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HiTRON PRODUCTS SHORT FORM CATALOG

MEDICAL APPLICATION WALLMOUNT & DESKTOP FORMATS

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	AC PLUG	SHAPE	SAFETY
HEMG10-S ITE/Medical Green power	10W Output 0.8-0.97W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 232.0g(8.18Oz)			CE
HES22-S Medical use	22-24W Output 1.75W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 206.0g(6.23Oz)			UL N CE GS
HEMG24-S ITE/Medical Green power	24W Output 1.75W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 206.0g(6.23Oz)			UL US CE
HEMG40-S ITE/Medical Green power	40.0W Output 3.19W/cubic inch.	90-264Vac Universal Input	Single only.	4.33X2.28X1.27 inch. 110.0X58.0X32.3 mm 246.5g(8.7Oz)			UL US CE
HEMG49-S ITE/Medical Green power	45-50.0W Output 3.3W/cubic inch.	90-264Vac Universal Input	Single only.	4.92X2.43X1.26 inch. 125.0X61.78X32.0mm 373.0g(13.2 Oz.)			CE
HES49-S Medical use	45-50.0W Output 3.3W/cubic inch.	90-264Vac Universal Input	Single only.	4.92X2.43X1.26 inch. 125.0X61.78X32.0mm 373.0g(13.2 Oz.)			UL US N CE
HEMG75-S Medical use Green power	70.0W Output 4.69W/cubic inch.	90-264Vac Universal Input	Single only.	4.92X2.43X1.26 inch. 125.0X61.78X32.0mm 373.0g(13.2 Oz.)			UL CE
HEMP100G-S Medical use Green power With PFC	100.0W Output 18.38W/cubic inch.	90-264Vac Universal Input	Single only.	5.91X2.36X1.32 inch. 150.0X60.0X33.5 mm 324.0g(11.5Oz.)			UL US CE
HEMP150G-S ITE/Medical Green power With PFC	120-150.0W Output 3.53-4.38 W/cubic inch.	90-264Vac Universal Input	Single only.	7.09X2.83X1.71 inch. 180.0X72.0X43.55 mm 798.g(28.39Oz.)			CE

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HiTRON PRODUCTS SHORT FORM CATALOG

INTERNAL SWITCHING MODE POWER SUPPLIES & CONVERTERS

AC-DC OPEN-FRAME & ENCLOSURE BOX FORMATS

DATE: DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HVI12-S UNIVERSAL I/P PCB	12.0W Output 2.40W /cubic inch.	90-264VAC UNIVERSAL INPUT	Single only.	3.70X1.93X0.70 inch. 94.00X49.00X17.80 mm 54.0g(1.90 Oz.)		C   CE
HVI19-S,D,T UNIVERSAL I/P PCB & L-B	19.0-20.0W Output 1.26-1.58W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual & Triple.	4.33X2.36X1.18-1.46inch. 110.X60X30-37 mm 148-223.0g(5.20-7.90 Oz.)		C   CE
HVI41-S,D,T UNIVERSAL I/P PCB	40.0-50W Output 3.36-3.79W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual & Triple.	4.25X2.50X1.24 inch. 108.00X63.50X31.60 mm 169.0g(5.96 Oz.)		C   CE
HVI43-S,T UNIVERSAL I/P PCB	43W Output 5.5W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single & Triple.	4.00X2.00X0.92 inch. 101.6X50.8X23.30 mm 145.0g(5.12 Oz.)		  CE
HVI48-S,D,T,Q UNIVERSAL I/P PCB or BOX	40.0-50.0W Output 2.70W /cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual, Triple & Quad	6.18X3.19X1.50 inch. 157X81X38 mm 616.0g(21.7 Oz.) Box 5.00X3.00X1.18-1.49 inch. 127X76.20X30-38 mm 262.0g(9.24 Oz.) PCB		C   CE
HVI63-S,T UNIVERSAL I/P PCB	63.0W Output 7.70W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single & Triple.	4.00X2.00X0.8 inch. 101.60X50.80X20.30 mm 121.0g(4.27 Oz.)		  CE
HVI72-S,T,Q UNIVERSAL I/P L-B or BOX	72.0W Output 2.00W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Triple & Quad.	6.30X3.82X1.50 inch. 160.00X97.00X38.00 mm 489.0g(17.25 Oz.) BOX 396.0g(13.97 Oz.) L-B		C   CE
HIH100-S HVI100-D,T,Q Auto-Ranging L-B or BOX	100.0W Output 1.56W/cubic inch.	115/230VAC Auto-Ranging INPUT	Single, Dual, Triple & Quad.	8.66X4.92X1.50 inch. 220.00X125.00X38.00 mm 860.0g(30.30 Oz.)		C   CE
HVI102-S,D,T,Q UNIVERSAL I/P U-B	100.0W Output 4.10W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual, Triple & Quad.	5.00X3.30X1.54 inch. 127.00X83.82X39.00 mm 448.5g(15.82 Oz.)		C   CE
HVP93-S,D,T with PFC U-B or PCB	50.0-100.0W Output 1.70-3.37W/cubic inch (U-B) 2.50-5.00W/cubic inch (PCB)	90-264VAC UNIVERSAL INPUT	Single, Dual & Triple.	5.50X3.29X1.57 inch. 139.70X83.50X40.00mm 541.0g(19.00 Oz.) U-B 5.00X2.99X1.17 inch 127.00X76.00X29.60 mm 358.0g(12.60 Oz.) PCB		CE
HVP103-S with PFC L-B	100.0W Output 6.73W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single only.	5.00X3.00X1.02 inch. 127.00X76.20X26.00 mm 319.0g(11.25 Oz.)		C   CE





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HiTRON PRODUCTS SHORT FORM CATALOG

AC-DC OPEN-FRAME & ENCLOSURE BOX FORMATS

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HVP149-S,D,T,Q with PFC U-B	150.0W Output 3.00W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual, Triple & Quad.	8.00X4.20X1.50 inch. 203.20X106.68X38.10 mm 960.0g(33.90 Oz.)		CE
HIRP200-T with PFC & Resonat PCB	200.0W Output 9.95W/cubic inch.	90-264VAC UNIVERSAL INPUT	Triple only	5.00X3.00X1.26 inch. 127X76.2X32.0 mm 500.0g(17.6 Oz.)		CE
HVP210-Q with PFC U-B	210.0W Output 4.16W/cubic inch.	90-264VAC UNIVERSAL INPUT	Quad only.	8.00X4.20X1.50 inch. 203.20X106.68X38.10 mm 1,000.0g(2.20 lb.)		CE
HVP350-S,D,T PFC,N+1,Current Sharing U-B or BOX	350.0W Output 3.25W/cubic inch.	115/230VAC Auto-Ranging INPUT	Single, Dual & Triple.	10.51X4.99X2.05 inch. 267.00X126.80X52.00 mm 1,872.0g(60.00 Oz.) Box 1,675.0g(59.00 Oz.) U-B		CE

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HiTRON PRODUCTS SHORT FORM CATALOG

AC-DC MEDICAL APPLICATION OPEN-FRAME FORMATS

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HMI19-S,D,T UNIVERSAL I/P MEDICAL APPL. L-B	20.0W Output 3.30W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual & Triple.	4.33X2.36X1.46 inch. 110.00X60.00X37.00 mm 373.0g(13.20 Oz.)		CE
HMI40-T UNIVERSAL I/P MEDICAL APPL. PCB	40W Output 2.18W/cubic inch.	90-264VAC UNIVERSAL INPUT	Triple only.	5.00X3.00X1.14 inch. 127X76.2X29.0 mm 145.0g(5.12 Oz.)		CE
HMI43-S UNIVERSAL I/P MEDICAL APPL. PCB	43W Output 5.5W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single only.	4.00X2.00X0.92 inch. 101.6X50.8X23.30 mm 145.0g(5.12 Oz.)		 CE
HMI63-S UNIVERSAL I/P MEDICAL APPL. PCB	63.0W Output 7.70W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single only.	4.00X2.00X0.8 inch. 101.60X50.80X20.30 mm 121.0g(4.27 Oz.)		 CE
HMI100-S,D,T,Q UNIVERSAL I/P MEDICAL APPL. PCB	100W Output 6.84W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual Triple & Quad.	4.50X2.50X1.3 inch. 114.30X63.50X28.50 mm 240.0g(8.11 Oz.)		 CE
HIMP151-S,D,T,Q UNIVERSAL I/P MEDICAL APPL. PCB	151W Output 6.52-7.24W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single, Dual Triple & Quad.	5.00X3.00X1.4 inch. 127X76.2X35.6 mm 385.0g(13.4 Oz.)		CE
HIMP250-S UNIVERSAL I/P MEDICAL APPL. PCB	250.0W Output 3.19W/cubic inch.	90-264VAC UNIVERSAL INPUT	Single only.	8.00X5.00X2.0 inch. 203.2X127X50.8 mm 1.4kg(49.3 Oz.)		CE

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HiTRON PRODUCTS SHORT FORM CATALOG

CompactPCI SWITCHING MODE POWER SUPPLIES

CompactPCI AC-DC POWER SUPPLIES

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HAC175D-Q SERIES CompactPCI with PFC Passive Load Sharing 3UX8HP(TE)X160mm	175.0W Output 3.20W/cubic inch.	90-264VAC Universal Input	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		
HAC175P-Q SERIES CompactPCI with PFC Passive Load Sharing 3UX8HP(TE)X160mm	175.0W Output 3.20W/cubic inch.	90-264VAC Universal Input	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		
HAC202P-P SERIES CompactPCI with PFC Active Load Sharing 3UX4HP(TE)X160mm	200.0W Output 7.4W/cubic inch.	90-264VAC Universal Input	Quad only.	6.40X0.8X3.94 inch. 162.64X20.3X100 mm 700.0g(24.7 Oz.)		
HAC250P-Q SERIES CompactPCI with PFC Active Load Sharing 3UX8HP(TE)X160mm	250.0W Output 4.58W/cubic inch.	90-264VAC Universal Input	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		
HAC301P-Q SERIES CompactPCI with PFC Active Load Sharing 3UX8HP(TE)X160mm	301W Output 7.78W/cubic inch.	90-264VAC Universal Input	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		
HAC400P-Q SERIES CompactPCI with PFC Active Load Sharing 6UX8HP(TE)X160mm	400.0W Output 3.98W/cubic inch.	90-264VAC Universal Input	Quad only.	6.30X1.59X10.31 inch. 160.0X40.3X261.9 mm 1.42Kg(3.13lb. Oz.)		
HAC500P-Q SERIES CompactPCI with PFC Active Load Sharing 6UX8HP(TE)X160mm	500.0W Output 5.00W/cubic inch.	90-264VAC Universal Input	Quad only.	6.30X1.59X10.31 inch. 160.0X40.3X261.9 mm 1.42Kg(3.13lb. Oz.)		

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HiTRON PRODUCTS SHORT FORM CATALOG

CompactPCI SWITCHING MODE POWER SUPPLIES

CompactPCI DC-DC CONVERTER

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HDC201P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 3UX8HP(TE)X160mm	200.0W Output 3.70W/cubic inch.	36-72VDC Input.	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		CE
HDC202P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 3UX4HP(TE)X160mm	202W Output 7.40W/cubic inch.	36-72VDC Input.	Quad only.	6.30X0.79X5.06 inch. 160.0X20.0X128.5 mm 666.0g(23.5 Oz.)		CE
HDC250P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 3UX8HP(TE)X160mm	250.0W Output 4.58W/cubic inch.	18-36VDC or 36-72VDC Input.	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		SP [®] N CE
HDC301P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 3UX8HP(TE)X160mm	300.0W Output 7.7W/cubic inch.	36-72VDC Input.	Quad only.	6.30X1.59X5.06 inch. 160.0X40.3X128.5 mm 666.0g(23.5 Oz.)		CE
HDC350P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 6UX8HP(TE)X160mm	385.0W Output 3.45W/cubic inch.	18-36VDC Input.	Quad only.	6.30X1.59X10.31 inch. 160.0X40.3X261.9 mm 1.72Kg(3.78lb.)		CE
HDC400P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 6UX8HP(TE)X160mm	400.0W Output 4.01W/cubic inch.	36-72VDC Input.	Quad only.	6.30X1.59X10.31 inch. 160.0X40.3X261.9 mm 1.42Kg(3.13lb.)		SP [®] CE
HDC500P-Q SERIES CompactPCI DC-DC CONVERTER Active Load Sharing 6UX8HP(TE)X160mm	500.0W Output 4.50W/cubic inch.	36-72VDC Input.	Quad only.	6.30X1.59X10.31 inch. 160.0X40.3X261.9 mm 1.42Kg(3.13lb.)		SP [®] CE

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HiTRON PRODUCTS SHORT FORM CATALOG

EUROCARD SWITCHING MODE POWER SUPPLIES







EUROCARD AC-DC POWER SUPPLIES

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HSU45-S,D,T SERIES DUAL INPUT 3UX6HP(TE)X160mm	45.0W Output 1.40W/cubic inch.	115/230VAC Dual Input Selectable	Single, Dual & Triple.	6.30X3.94X1.19 inch. 160.0X100.0X30.28 mm 593.0g(20.92 Oz.)		
HPU60-S,D,T SERIES with PFC 3UX8HP(TE)X160mm	60.0W Output 1.52W/cubic inch.	90-264VAC Universal Input.	Single, Dual & Triple.	6.30X3.94X1.59 inch. 160.0X100.0X40.44 mm 720.0g(25.40 Oz.)		
HSU60-S,D,T SERIES DUAL INPUT 3UX8HP(TE) X160mm	60.0W Output 1.52W/cubic inch.	115/230VAC Dual Input Selectable	Single, Dual & Triple.	6.30X3.94X1.59 inch. 160.0X100.0X40.44 mm 707.0g(24.94 Oz.)		
HPU100-S,D,T SERIES with PFC 3UX10HP(TE)X160mm	100.0W Output 2.00W/cubic inch.	90-264VAC Universal Input.	Single, Dual & Triple.	6.30X3.94X2.00 inch. 160.0X100.0X50.6 mm 894.0g(31.53 Oz.)		
HSU100-S,D,T,QSERIES DUAL INPUT 3UX10HP(TE)X160mm	100.0W Output 1.90W/cubic inch.	115/230VAC Dual Input Selectable	Single, Dual & Triple, Quad	6.30X3.94X2.00 inch. 160.0X100.0X50.6 mm 943.0g(33.26 Oz.)		

EUROCARD DC-DC CONVERTER

DATE: DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HDU45-S,D,T SERIES DC CONVERTER 3UX6HP(TE)X160mm	45.0W Output 1.40W/cubic inch.	12,24,48VDC Input.	Single, Dual & Triple.	6.30X3.94X1.19 inch. 160.0X100.0X30.28 mm 537.0g(18.90 Oz.)		
HDU60-S,D,T SERIES DC CONVERTER 3UX8HP(TE)X160mm	60.0W Output 1.40W/cubic inch.	12,24,48VDC Input.	Single, Dual & Triple.	6.30X3.94X1.59 inch. 160.0X100.0X40.44 mm 707.0g(24.94 Oz.)		
HDU100-S,D,T SERIES DC CONVERTER 3UX10HP(TE)X160mm	100.0W Output 1.90W/cubic inch.	12,24,48VDC Input.	Single, Dual & Triple.	6.30X3.94X2.00 inch. 160.0X100.0X50.6 mm 943.0g(33.26 Oz.)		

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HiTRON PRODUCTS SHORT FORM CATALOG



PCB-MOUNT POWER MODULES

ON-BOARD & CHASSIS MOUNT AC/DC MODULAR POWER SUPPLIES HAM OR HAS SERIES DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	EQUIVALENT	SAFETY
HAM05-S/D SERIES	5.0W Output 1.61W/cubic inch.	90-264 VAC	Single & Dual.	2.28X1.77X0.77 inch 58.0X45.0X19.5 mm 107g(3.77 Oz.)		Similar to COSEL YAS5 & YAW5 SERIES.	
HAS10-S/D/T SERIES	10.0W Output 1.22W/cubic inch.	90-264 VAC	Single, Dual & Triple.	3.77X2.16X1.00 inch 95.8X54.9X25.4 mm 177.5g(6/26 Oz.)		NONE	
HASM10-S/D/T SERIES MEDICAL USE	10.0W Output 1.22W/cubic inch.	90-264 VAC	Single, Dual & Triple.	3.77X2.16X1.00 inch 95.8X54.9X25.4 mm 177.5g(6/26 Oz.)		NONE	
HAM10-S/D/T SERIES	10.0W Output 2.54W/cubic inch.	90-264 VAC	Single, Dual & Triple.	2.56X1.77X0.87 inch 65.0X45.0X22.0 mm 120g(4.23 Oz.)		COSEL YAS10 & YAW10 SERIES. None.	
HAM15-S SERIES	15.0W Output 3.77W/cubic inch.	90-264 VAC	Single & High DC Output	2.56X1.77X0.87 inch. 65.0X45.0X22.0 mm 120g(4.23 Oz.)		None.	
HAM16-S/D/T SERIES	16.0W Output 3.12W/cubic inch.	90-264 VAC	Single, Dual & Triple.	2.75X1.89X0.93 inch. 69.9X48.0X23.5mm 145g(5.11 Oz.)		Similar to ASTRODYNE MTCA-15 series	
HAM50-S/D/T SERIES	50.0W Output 5.0W/cubic inch.	90-264 VAC	Single, Dual & Triple.	4.06X2.50X0.98 inch. 103.0X63.5X24.89mm 378.0g(13.3 Oz.)		Similar to ASTRODYNE MCA-30 SERIES	
HAS50-S SERIES	50W Output 4.1W/ cubic inch	90-264VAC	Single only.	4.78X2.56X1.00 inch 121.5X65.0X25.4 mm 378.0g(13.3 Oz.)		Similar to ASTRODYNE MCA-30 SERIES.	
HAS50-D/T SERIES	50W Output 3.6W/ cubic inch	90-264VAC	Dual & Triple.	5.33X2.56X1.00 inch 135.5X65.0X25.4 mm 378.0g(13.3 Oz.)		Similar to ASTRODYNE MCA-30 SERIES.	

PCB-MOUNT POWER MODULES

ON-BOARD DC/DC CONVERTERS BASE PLATE POWER MODULES HDH SERIES DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	EQUIVALENT	SAFETY
HDH40-S/D/T SERIES	40W Output 7.50W/cubic inch.	Ultra-wide 4:1 Range	Single, Dual & Triple	3.60X3.03X0.49 inch 91.4X77.0X12.4 mm 145.8g(5.13 Oz.)		Similar to WALL CAH SERIES.	

BLUE PRINT: NEW PRODUCT

* IN APPLICATION

HiTRON PRODUCTS SHORT FORM CATALOG

PCB-MOUNT POWER MODULES

PCB-MOUNT DC/DC CONVERTERS ENCAPSULATED MODULES HDM SERIES

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT Vdc	OUTPUT #	SIZE & WEIGHT	SHAPE	EQUIVALENT	SAFETY
HDM07-S/D SERIES	7.5W Output 12.0W/cubic inch.	12/24/48V 4:1 Range.	Single & Dual.	2.0X1.0X0.29 inch. 50.8X25.4X7.33 mm 20.0g(0.71 Oz.)		Similar to ASTRODYNE ASD-07	CE
HDM08-S/D SERIES	8.0W Output 10.0W/cubic inch.	12/24/48V 4:1 & 2:1 Range.	Single & Dual.	2.0X1.0X0.40 inch. 50.8X25.4X10.2 mm 27.5g(0.95 Oz.)		YCL LD Series.	CE
HDM09-S/D SERIES	9.0W Output 5.6W/cubic inch.	12/24/48V 2:1 Range.	Single & Dual.	2.0X2.0X0.40 inch. 50.8X50.8X10.2 mm 62.5g(2.2 Oz.)		YCL 500 Series	CE
HDM10-S/D SERIES	10.0W Output 5.0W/cubic inch.	12/24/48/96V 2:1 Range.	Single & Dual.	2.0X2.0X0.60 inch. 50.8X50.8X15.2 mm 108.0g(3.8 Oz.)		None.	CE
HDM11-S/D SERIES	10.0W Output 17.24W/cubic inch.	12/24/48V 4:1 Range.	Single & Dual.	2.0X1.0X0.29 inch. 50.8X25.4X7.33 mm 20.0g(0.71 Oz.)		Similar to ASTRODYNE ASD-10	CE
HDM14-S/D SERIES	15.0W Output 25.8W/cubic inch.	12/24/48V 2:1 Range.	Single & Dual.	2.0X1.0X0.29 inch. 50.8X25.4X7.33 mm 20.0g(0.71 Oz.)		Similar to ASTRODYNE FEC15	CE
HDM14.5-S SERIES	15.0W Output 15.0W/cubic inch.	12/24/48V 2:1 Range.	Single.	1.67X1.48X0.39 inch. 42.4X37.5X9.9 mm 38.0g(1.34 Oz.)		Similar to POWER TREND PT3100 Series	CE
HDM15-S/D/T SERIES	15.0W Output 10.0W/cubic inch.	12/24/48V 4:1 & 2:1 Range.	Single, Dual & Triple.	2.0X2.0X0.40 inch. 50.8X50.8X10.2 mm 65.0g(2.4 Oz.)		YCL LE Series.	CE
HDM16-T SERIES	16.0W Output 10.45W/cubic inch.	24/48V 2:1 Range.	Triple.	2.36x1.38x0.47 inch. 60.0x35.0x12.0 mm 61.0g(2.15 Oz.)		None.	CE
HDM17-S/D SERIES	17.0W Output 18.0W/cubic inch.	12/24/48V 2:1 Range.	Single & Dual.	2.0X1.0X0.40 inch. 50.8X25.4X10.2 mm 27.5g(0.97 Oz.)		Similar to YCL MD Series.	CE
HDM20-S/D/T SERIES	20.0W Output 12.5W/cubic inch.	12/24/48V 2:1 Range	Single, Dual & Triple.	2.0X2.0X0.4 inch. 50.8x50.8X10.2 mm 65.0g(2.30 Oz.)		None.	CE
HDM25-D SERIES	25W output 10.0W/cubic inch	5V 2:1 Range	Dual only.	2.56x1.97x0.4 inch. 65.0x50.0x10.2 mm. 65.8g(2.32Oz.)		Similar to Cosel DCU25	CE
HDM30-S/D/T SERIES	30.0W Output 10.0W/cubic inch.	12/24/48V 4:1 & 2:1 Range.	Single, Dual & Triple.	3.0X2.6X0.40 inch. 76.2X66.00X10.2 mm 156.0g(5.6 Oz.)		YCL LP Series.	CE

HiTRON PRODUCTS SHORT FORM CATALOG

DIN-RAIL SWITCHING MODE POWER SUPPLIES

DIN-RAIL AC-DC POWER SUPPLIES

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT	OUTPUT #	SIZE & WEIGHT	SHAPE	SAFETY
HID35-S SERIES Universal input DIN-RAIL FORMAT	30.0W Output 1.40W/cubic inch.	90-264VAC Universal Input.	Single only.	4.53X3.94X1.14 inch. 115.0X100.0X29.0 mm 370.0g(13.04 Oz.)		CE
HID60-S SERIES Universal input DIN-RAIL FORMAT	60.0W Output 2.00W/cubic inch.	90-264VAC Universal Input.	Single only.	4.92X3.74X1.57 inch. 125.0X95.0X40.0 mm 500.5g(17.64 Oz.)		CE
HID65-S SERIES Universal input DIN-RAIL FORMAT	65.0W Output 2.00W/cubic inch.	90-264VAC Universal Input.	Single only.	4.53X3.93X1.77 inch. 115.0X100.0X45.0 mm 458.6g(16.17 Oz.)		CE
HPD65-S SERIES Universal input With PFC DIN-RAIL FORMAT	60.0W Output 2.76W/cubic inch.	90-264VAC Universal Input.	Single only.	4.53X3.93X1.77 inch. 115.0X100.0X45.0 mm 458.6g(16.17 Oz.)		CE
HPD100-S SERIES Universal input With PFC DIN-RAIL FORMAT	100.0W Output 2.76W/cubic inch.	90-264VAC Universal Input.	Single only.	4.92X3.74X1.97 inch. 125.0X95.0X50.0 mm 670.0g(23.50 Oz.)		CE
HID125-S SERIES Universal input DIN-RAIL FORMAT	120.0W Output 2.00W/cubic inch.	90-264VAC Universal Input.	Single only.	4.92X4.92X2.36 inch. 125.0X125.0X60.0 mm 715.0g(25.20 Oz.)		CE
HPD125-S SERIES Universal input With PFC DIN-RAIL FORMAT	120.0W Output 2.10W/cubic inch.	90-264VAC Universal Input.	Single only.	4.92X4.92X2.36 inch. 125.0X125.0X60.0 mm 850.0g(29.98 Oz.)		CE
HPD150-S SERIES Universal input With PFC DIN-RAIL FORMAT	150.0W Output 2.40W/cubic inch.	90-264VAC Universal Input.	Single, only.	6.18X4.53X2.24 inch. 157.0X115.0X57.0 mm 1,130g(39.85 Oz.)		CE

BLUE PRINT: NEW PRODUCT

* IN APPLICATION

HiTRON PRODUCTS SHORT FORM CATALOG

INTERNAL LINEAR OPEN FRAME POWER SUPPLIES

OPEN FRAME FORMATS

DATE: Jan. 1H, 2011

MODEL NO	POWER/DENSITY	INPUT VAC	OUTPUT	SIZE & WEIGHT	SHAPE	SAFETY
HLS SERIES L-B [A1]	4.5-7W Output 0.23-0.36W/cubic inch.	110-130VAC or 120-250VAC	Single Output only.	3.74X3.00X1.71 inch. 95.0X76.2X42.0 mm 0.42kg(14.81 Oz.)		
HLS SERIES L-B [A]	11-28W Output 0.24-0.60W/cubic inch.	110-130VAC or 120-250VAC	Single Output only.	4.84X3.99X2.40 inch. 123X101.4X61.0 mm 1.10kg(38.79 Oz.)		
HLS SERIES L-B [B]	22-56W Output 0.29 -0.73W/cubic inch.	110-130VAC or 120-250VAC	Single Output only.	5.61X4.86X2.81 inch. 142.6X123.5X71.5 mm 1.85kg(65.25 Oz.)		
HLS SERIES U-B [C]	33-84W Output 0.29 -0.74W/cubic inch.	110-130VAC or 120-250VAC	Single Output only.	7.01X4.87X3.31 inch. 178X104.8X84.2 mm 3.05kg(107.57 Oz.)		
HLS SERIES U-B [I]	60-112W Output 0.42 -0.77 W/cubic inch.	110-130VAC or 120-250VAC	Single Output only.	9.02X4.88X3.29 inch. 229.0X124.0X83.5 mm 3.35kg(118.15 Oz.)		
HLD SERIES U-B [C]	33.0W Output 0.29W/cubic inch.	110-130VAC or 120-250VAC	Dual Output only.	7.01X4.87X3.31 inch. 178X104.8X84.2 mm 3.05kg(107.57 Oz.)		
HLD SERIES L-B [D]	45.0W Output 0.46W/cubic inch.	110-130VAC or 120-250VAC	Dual Output only.	7.01X4.88X2.87 inch. 178X124.0X72.8 mm 1.85kg(62.25 Oz.)		
HLD SERIES L-B [H]	24.0W Output 0.38W/cubic inch.	110-130VAC or 120-250VAC	Dual Output only.	6.50X4.02X2.39 inch. 165X102.0X60.9 mm 1.20kg(42.32 Oz.)		
HLD SERIES U-B [I]	60-80W Output 0.42 -0.55W/cubic inch.	110-130VAC or 120-250VAC	Dual Output only.	9.02X4.88X3.29 inch. 229.0X124.0X83.5 mm 3.35kg(118.15 Oz.)		
HLT SERIES U-B [C]	30.0W Output 0.27W/cubic inch.	110-130VAC or 120-250VAC	Triple Output only.	7.01X4.87X3.31 inch. 178X104.8X84.2 mm 3.05kg(107.57 Oz.)		
HLT SERIES U-B [F]	40.0W Output 0.33W/cubic inch.	110-130VAC or 120-250VAC	Triple Output only.	10.24X4.02X2.91 inch. 260X102.0X74.0 mm 1.95kg(68.77 Oz.)		
HLT SERIES L-B [H]	20.0W Output 0.32W/cubic inch.	110-130VAC or 120-250VAC	Triple Output only.	6.50X4.02X2.39 inch. 165X102.0X60.9 mm 1.20kg(42.32 Oz.)		
HLT SERIES U-B [I]	60.0W Output 0.42W/cubic inch.	110-130VAC or 120-250VAC	Triple Output only.	9.02X4.88X3.29 inch. 229.0X124.0X83.5 mm 3.35kg(118.15 Oz.)		
HLT SERIES U-B [G]	75-90W Output 0.42-0.51W/cubic inch.	110-130VAC or 120-250VAC	Triple Output only.	11.0X4.88X3.31 inch. 279.5X124.0X84.0 mm 3.40kg(119.91 Oz.)		
HLT SERIES U-B [G1]	80.0W Output 0.45W/cubic inch.	110-130VAC or 120-250VAC	Triple Output only.	11.0X4.88X3.33 inch. 279.5X124.0X84.5 mm 3.55kg(125.2 Oz.)		