

## Features

- Universal AC input / Full range
  Built-in active PFC function
  Short circuit, overload, over-voltage protection
  Forced air cooling by built-in DC fan
- ·CH4: Polarity is selectable
- Fixed switching frequency at 100KHz (Optional)
- ·3 year warranty



DC output voltage         5V         12V         -12V         -5V           Gutput V. tolerance         ±3%         ±6%         ±10,-6%         ±5%           Gutput rated current         15A         4A         2A         0.6A           Output current range         3-15A         0.4-5A         0.3-2A         0-1A           Ripple & noise p-p         100mV         150mV         100mV         100mV           Line regulation         ±1%         ±2%         ±2%         ±1%           Load regulation         ±2%         ±6%         ±2%         ±1%           Load regulation         ±2%         ±6%         ±2%         ±1%           DC voltage adj.         CH1: 4.75~5.5V             Innus current         cold start <40A		CH1	CH2	CH3	CH4	
Output rated current         15A         4A         2A         0.6A           Output current range         3-15A         0.4-5A         0.3-2A         0-1A           Ripple & noise p-p         100mV         150mV         100mV         100mV           Line regulation         ±1%         ±2%         ±2%         ±1%           Load regulation         ±2%         ±6%         ±6%         ±2%           Max. output power         150W         Efficiency         76%           DC voltage adj.         CH1: 4.75~5.5V         Input voltage range         90~264VAC 47~63Hz; 127-370VDC           AC current         2.5A/115V         1.2A/230V         Inrush current         cold start <40A           Leakage current         <3.5mA/240VAC         Overload protection         105%~135% rated output power         type: hiccup mode, recovers automatically after fault condition is removed           Over voltage protection         CH1: 5.75~6.75V         type: shutdown o/p voltage, re-power on to recover           Over voltage protection (option)         95°C±5°C TSW1         type: shutdown o/p voltage, recovers automatically after fault condition is removed           Over voltage protection (option)         95°C±5°C TSW1         type: shutdown o/p voltage, recovers automatically after temp. goes down           Temperature coefficient         ±0.3	DC output voltage	5V	12V	-12V	-5V	
Output current range         3-15A         0.4-5A         0.3-2A         0-1A           Ripple & noise p-p         100mV         150mV         150mV         100mV           Line regulation         ±1%         ±2%         ±2%         ±1%           Load regulation         ±2%         ±6%         ±6%         ±2%           Max. output power         150W         Efficiency         76%           DC voltage adj.         CH1: 4.75~5.5V         Input voltage range         90~264VAC         47~63Hz; 127-370VDC           AC current         2.5A/115V         1.24/230V         Inrush current         cold start <40A           Leakage current         <3.5mA/240VAC         47~63Hz; 127-370VDC         COverlage protection         105%~13% rated output power         type: hiccup mode, recovers automatically after fault condition is removed           Over voltage protection         CH1: 5.75~6.75V         type: shutdown o/p voltage, recovers automatically after temp. goes down           Temperature coefficient         ±0.3%/ *C(0~50°C)         Soma/240VAC         Soma/240VAC           Over temp. protection         0.5%C 5.5% S00VAC, PF>0.98/115VAC at full load         Vibration         10~500H2, 2G 10 min./1 cycle, period of 60 min. each axes           Withstand voltage         I/P=-O/P. I/P=FG, O/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.         Isolatio	Output V. tolerance	±3%	±6%	+10,-6%	±5%	
Ripple & noise p-p         100mV         150mV         150mV         100mV           Line regulation         ±1%         ±2%         ±2%         ±1%           Load regulation         ±2%         ±6%         ±2%         ±2%           Max. output power         150W              Efficiency         76%               DC voltage adj.         CH1: 4.75~5.5V                Input voltage range         90~264VAC 47~63Hz; 127-370VDC </th <th>Output rated current</th> <th>15A</th> <th>4A</th> <th>2A</th> <th>0.6A</th>	Output rated current	15A	4A	2A	0.6A	
Line regulation±1%±2%±2%±1%Load regulation±2%±6%±6%±2%Max. output power150WEfficiency76%DC voltage adj.CH1: 4.75~5.5VInput voltage range90~264VAC 47~63Hz; 127-370VDCAC current2.5A/115V1.26X/230VInrush currentcold start <40ALeakage current<3.5mA/240VACOver voltage protection105%~135% rated output powertype: hiccup mode, recovers automatically after fault condition is removedOver voltage protectionCH1: 5.75~6.75VOver temp. protection (option)95°C±5°C TSW195°C±5°C C)Set up, rise, hold up time960es down1000ms, 50ms, 16ms at full loadPower factorPF>0.35/230VAC, PF>0.98/115VAC at full loadPower factorPF>0.35/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P: MV-FG: 0.0P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+48°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Output current range	3-15A	0.4-5A	0.3-2A	0-1A	
Load regulation±2%±6%±6%±2%Max. output power150WEfficiency76%DC voltage adj.CH1: 4.75~5.5VInput voltage range90~264VAC 47~63Hz; 127-370VDCAC current2.5A/115V2.5A/115V1.2A/230VInrush currentcold start <40ALeakage current<3.5mA/240VACOverload protection105%~135% rated output powertype: hiccup mode, recovers automatically after fault condition is removedOver voltage protection (option)95°C±5°C TSW1goes downtype: shutdown o/p voltage, re-power on to recoverOver temp. protection (option)95°C±5°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period 66 0 min. each axesWithstand voltageI/P~O/P: 3KVAC, I/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MLL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN80950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Ripple & noise p-p	100mV	150mV	150mV	100mV	
Max. output power150WEfficiency76%DC voltage adj.CH1: 4.75~5.5VInput voltage range90~264VAC 47~63Hz; 127-370VDCAC current2.5A/115V 1.2A/230VInrush currentcold start <40ALeakage current<3.5mA/240VACOverload protection105%~135% rated output powertype: hiccup mode, recovers automatically after fault condition is removedOver voltage protectionCH1:5.75~6.75Vtype: shutdown o/p voltage, re-power on to recoverOver temp. protection (option)95°C±5°C TSW1 type: shutdown o/p voltage, recovers automatically after temp. goes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P. I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Line regulation	±1%	±2%	±2%	±1%	
Efficiency76%DC voltage adj.CH1: 4.75~5.5VInput voltage range90~264VAC 47~63Hz; 127-370VDCAC current2.5A/115V 1.2A/230VInrush currentcold start <40ALeakage current<3.5mA/240VACOverload protection105%~135% rated output powertype: hiccup mode, recovers automatically after fault condition is removedOver voltage protectionCH1:5.75~6.75Vtype: shutdown o/p voltage, re-power on to recoverOver voltage protection (option)95°C±5°C TSW1type: shutdown o/p voltage, re-power on to recoverOver factorPF>0.95/230VAC, PF>0.98/115VAC at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P: 3KVAC, I/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+66°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsUL1950, TUV EN60950 approved	Load regulation	±2%	±6%	±6%	±2%	
DC voltage adj.CH1: 4.75~5.5VInput voltage range90~264VAC 47~63Hz; 127-370VDCAC current2.5A/115V 1.2A/230VInrush currentcold start <40A	Max. output power	150W				
Input voltage range90-264VAC47~63Hz; 127-370VDCAC current2.5A/115V1.2A/230VInrush currentcold start <40ALeakage current<3.5mA/240VACOverload protection105%~135% rated output powertype: hiccup mode, recovers automatically after fault condition is removedOver voltage protectionCH1:5.75~6.75Vtype: shutdown o/p voltage, re-power on to recoverOver temp. protection (option)95°C±5°C TSW1type: shutdown o/p voltage, recovers automatically after temp. goes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-0/P, I/P-FG, 0/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Efficiency	76%				
AC current2.5A/115V1.2A/230VInrush currentcold start <40ALeakage current<3.5mA/240VACOverload protection105%~135% rated output powertype: hiccup mode, recovers automatically after fault condition is removedOver voltage protectionCH1:5.75~6.75Vtype: shutdown o/p voltage, re-power on to recoverOver temp. protection (option)95°C±5°C TSW1type: shutdown o/p voltage, recovers automatically after temp. goes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P. 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, 0/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	DC voltage adj.	CH1: 4.75~5.5V				
Inrush currentcold start <40A	Input voltage range	90~264VAC 47~63Hz; 127-370VDC				
Leakage current<3.5mA/240VAC	AC current	2.5A/115V 1.2A/230V				
Overload protection105%~135% rated output power after fault condition is removedtype: hiccup mode, recovers automatically after fault condition is removedOver voltage protectionCH1:5.75~6.75V Stype: shutdown o/p voltage, re-power on to recoverOver temp. protection (option)95°C±5°C TSW1 goes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C+*85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL 1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Inrush current	cold start <40A				
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Over voltage protectionCH1:5.75~6.75Vtype: shutdown o/p voltage, re-power on to recoverOver temp. protection (option)95°C±5°C TSW1type: shutdown o/p voltage, recovers automatically after temp. goes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Overload protection	105%~135% rated	output power type	e: hiccup mode, reco	overs automatically	
Over temp. protection (option)95°C±5°C TSW1type: shutdown o/p voltage, recovers automatically after temp. goes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,		after fault condition is removed				
open deprivedgoes downTemperature coefficient±0.3%/ °C(0~50°C)Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Over voltage protection	CH1:5.75~6.75V type: shutdown o/p voltage, re-power on to recover				
Temperature coefficient         ±0.3%/ °C(0~50°C)           Set up, rise, hold up time         1000ms, 50ms, 16ms at full load           Power factor         PF>0.95/230VAC, PF>0.98/115VAC at full load           Vibration         10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axes           Withstand voltage         I/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.           Isolation resistance         I/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.           Working temp., humidity         -10°C~+60°C (refer to output derating curve), 20%-90% RH           Storage temp., humidity         -20°C~+85°C, 10%-95% RH           MTBF         141.5K hrs min. MIL-HDBK-217F (25°C)           Dimensions         7.83x3.9x1.97 inches (199x99x50mm)           Weight         2.43 lbs (1.1Kgs)           Safety standards         UL 1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Over temp. protection (option)	95°C±5°C TSW1	type: shutdown o/p v	voltage, recovers aut	omatically after temp.	
Set up, rise, hold up time1000ms, 50ms, 16ms at full loadPower factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,		goes down				
Power factorPF>0.95/230VAC, PF>0.98/115VAC at full loadVibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Temperature coefficient	±0.3%/ °C(0~50°C)				
Vibration10~500Hz, 2G 10 min./1 cycle, period of 60 min. each axesWithstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Set up, rise, hold up time	1000ms, 50ms, 16ms at full load				
Withstand voltageI/P-O/P: 3KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC, for 1 min.Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Power factor					
Isolation resistanceI/P-O/P, I/P-FG, O/P-FG: 500VDC / 100M Ohms min.Working temp., humidity-10°C~+60°C (refer to output derating curve), 20%-90% RHStorage temp., humidity-20°C~+85°C, 10%-95% RHMTBF141.5K hrs min. MIL-HDBK-217F (25°C)Dimensions7.83x3.9x1.97 inches (199x99x50mm)Weight2.43 lbs (1.1Kgs)Safety standardsUL1950, TUV EN60950 approvedEMC standardsEN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Vibration	· · ·				
Working temp., humidity         -10°C~+60°C (refer to output derating curve), 20%-90% RH           Storage temp., humidity         -20°C~+85°C, 10%-95% RH           MTBF         141.5K hrs min. MIL-HDBK-217F (25°C)           Dimensions         7.83x3.9x1.97 inches (199x99x50mm)           Weight         2.43 lbs (1.1Kgs)           Safety standards         UL1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Withstand voltage					
Storage temp., humidity         -20°C~+85°C, 10%-95% RH           MTBF         141.5K hrs min. MIL-HDBK-217F (25°C)           Dimensions         7.83x3.9x1.97 inches (199x99x50mm)           Weight         2.43 lbs (1.1Kgs)           Safety standards         UL1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Isolation resistance					
MTBF         141.5K hrs min. MIL-HDBK-217F (25°C)           Dimensions         7.83x3.9x1.97 inches (199x99x50mm)           Weight         2.43 lbs (1.1Kgs)           Safety standards         UL1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Working temp., humidity	-10°C~+60°C (refer to output derating curve), 20%-90% RH				
Dimensions         7.83x3.9x1.97 inches (199x99x50mm)           Weight         2.43 lbs (1.1Kgs)           Safety standards         UL1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Storage temp., humidity	-20°C~+85°C, 10%-95% RH				
Weight         2.43 lbs (1.1Kgs)           Safety standards         UL1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	MTBF	141.5K hrs min. MIL-HDBK-217F (25°C)				
Safety standards         UL1950, TUV EN60950 approved           EMC standards         EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Dimensions	7.83x3.9x1.97 inches (199x99x50mm)				
<b>EMC standards</b> EN55022 class B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3,	Weight	2.43 lbs (1.1Kgs)				
	Safety standards					
EN55024 verification	EMC standards	EN55022 class B,	EN61000-4-2,3,4,5,6	,8,11; ENV50204, EN	61000-3-2,-3,	
		EN55024 verification	on			

Notes:

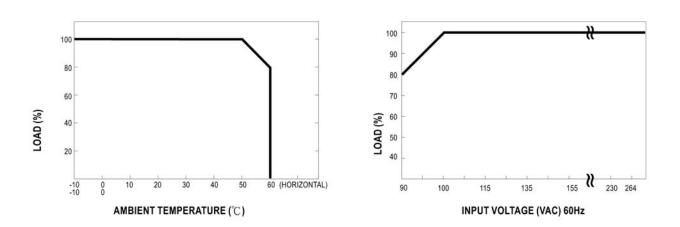
- 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient
- 2. Tolerance includes set up tolerance, line regulation, load regulation
- 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor
- 4. Line regulation is measured from low line to high line at rated load
- 5. Load regulation is measured from 20% to 100% rated load, and other outputs at 60% rated load.
- 6. Each output provides up to maximum current, but total load can not exceed max. output power.

V-Infinity reserves the right to make changes to its products or to discontinue any product or service without notice, and to advise customers to verify the most up-to-date product information before placing orders. V-Infinity assumes no liability or responsibility for customer's applications using V-Infinity products other than repair or replacing (at V-I's option) V-Infinity products not meeting V-I's published specifications. Nothing will be covered outside of standard product warranty.



**Derating Curve** 

Output Derating VS Input Voltage



Dimensions (mm)

