

Rev B



Class I (Type A, Type C, and Type E),

Class II (Type B and Type D)

DESCRIPTION

## APPLICATIONS

- Ethernet Hub
- Portable Devices
- Charger
- Monitor
- Set-Top Box
- AV Equipment

The DTEPU16 AC DC desktop power supplies offers up to 15 watts of output power in a 3.58" x1.5" x 1.42" package. This series is useful in a variety of applications such as portable devices, chargers, and monitors, among others. It consists of single output models in which three AC input inlets are available: IEC-320-C14, C8, and C6, and two types of cords are available, both 2 prong and 3 prong. This series is both Energy Efficiency Level VI and RoHS compliant and has UL/cUL(UL 60950-1: 2<sup>nd</sup> Edition) and TUV/GS (EN 60950-1: 2<sup>nd</sup> Edition) safety approvals. Please call factory for order details.

1 Year Warranty

Level VI and RoHS Compliant

MODEL SELECTION TABLE								
Model Number <sup>(1)</sup>	Input Voltage Range	Output Voltage	Output Current		Ripple & Noise <sup>(7)</sup>	No Load	Output Power	Efficiency
			Min.	Max.	Ripple & Noise	Power Consumption		Enciency
DTEPU16x-102	90~264VAC	5~5.99VDC	2.00	2.50	100mVp-p	0.1W	12W	80%
DTEPU16x-103		6.5~8VDC	1.50	1.84	100mVp-p		12W	83%
DTEPU16x-104		8~11VDC	1.22	1.68	100mVp-p		13.5W	83.6%
DTEPU16x-105		11~13VDC	1.15	1.36	100mVp-p		15W	81.13%
DTEPU16x-106		13~16VDC	0.94	1.15	100mVp-p		15W	81.13%
DTEPU16x-107		16~21VDC	0.72	0.94	100mVp-p		15W	81.13%
DTEPU16x-108		21~27VDC	0.55	0.72	100mVp-p		15W	81.13%
DTEPU16x-109		27~33VDC	0.45	0.55	100mVp-p		15W	85%
DTEPU16x-110		33~40VDC	0.37	0.45	100mVp-p		15W	86%
DTEPU16x-111		40~48VDC	0.31	0.37	100mVp-p		15W	86%

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SPECIFICATIONS

INPUT SPECIFICATIONS   0     Input Voltage Range   100     Input Frequency   Sine Wave     Input Current   Low Line     High Line   Io=Full Load, Vin=100VAC     High Line   Io=Full Load, 25°C, Cool Start, Vin=115VAC     Inrush Current   High Line     High Line   Io=Full Load, 25°C, Cool Start, Vin=230VAC     OUTPUT SPECIFICATIONS   0.5     Output Voltage   See Table     Line Regulation <sup>(6)</sup> Io=Full Load, 25°C, Cool Start, Vin=230VAC     Output Voltage   See Table     Line Regulation <sup>(6)</sup> Vin=230VAC     Output Power   See Table     Output Qurrent   See Table     Ripple & Noise (20MHz BW) <sup>(7)</sup> 100     Transient Response Time   Full Load, Vin=100VAC     Hold-Up Time <sup>(6)</sup> Io=Full Load, Vin=100VAC     Hold-Up Time <sup>(6)</sup> Io=Full Load, Vin=100VAC     Temperature Coefficient   Ali OutputS     PROTECTION   40.04     PROTECTION   Automatic Rec     Nore, but output is protected conditions   Condensing     Over Load Protection   Derate linearly from 100% load at 40°C to 50% load at 70°C <t< th=""><th>1 5 e</th><th>Unit VAC Hz A A</th></t<>	1 5 e	Unit VAC Hz A A			
Input Voltage Range     100       Input Frequency     Safety Approvals Input Voltage Range     90       Input Current     Low Line     Io=Full Load, Vin=100VAC     47       Inrush Current     Low Line     Io=Full Load, Vin=240VAC     10       OUTPUT SPECIFICATIONS     0=Full Load, Vin=230VAC     70     10       Output Voltage     10=Full Load, SS°C, Cool Start, Vin=115VAC     35     10       Output Voltage     10=Full Load, SS°C, Cool Start, Vin=230VAC     70     10       Output Voltage     0=Full Load, SS°C, Cool Start, Vin=230VAC     70     10       Output Voltage     0=Full Load, Vin=230VAC     4     100     100       Cad Regulation®     Vin=230VAC     4     100<	264 63 0.4 0.20 45 90 e 1 5 e	Hz A A			
Input Voltage Range     90       Input Frequency     Sine Wave     47       Input Current     Low Line     Io=Full Load, Vin=100VAC     1       Inrush Current     Low Line     Io=Full Load, Vin=240VAC     35     1       Inrush Current     Low Line     Io=Full Load, Vin=240VAC     35     1       Inrush Current     Low Line     Io=Full Load, S5°C, Cool Start, Vin=115VAC     35     1       OUTPUT SPECIFICATIONS     Output Voltage     See Table     See Table       Load Regulation <sup>(6)</sup> Io=Full Load     0.5     1       Output Voltage     Vin=230VAC     4     100       Transient Response Time     Full Load, Vin=110VAC     8     100       Righe & Noise (20MHz BW) <sup>(7)</sup> Io=Full Load, Vin=110VAC     8     100       Transient Response Time     Full Load, Vin=100VAC     8     100       Right & Noise (20MHz BW) <sup>(7)</sup> Io=Full Load, Vin=100VAC     8     100       Rote Cuiti Protection     Io=Full Load, Vin=100VAC     8     10.04       PROTECTION     Derate linearly from 100% load at 40°C to 50% load at 70°C     0	264 63 0.4 0.20 45 90 e 1 5 e	Hz A A			
Input Frequency     Sine Wave     47       Input Current     Low Line     Ic=Full Load, Vin=100VAC     1       Inrush Current     Low Line     Ic=Full Load, Vin=240VAC     35       Inrush Current     Low Line     Ic=Full Load, Vin=240VAC     35       OUTPUT SPECIFICATIONS     10=Full Load, 25%C, Cool Start, Vin=135VAC     70       Output Voltage     Ic=Full Load, 25%C, Cool Start, Vin=230VAC     70       Load Regulation <sup>(6)</sup> Vin=230VAC     4       Output Voltage     Ic=Full Load, Vin=100VAC     4       Coutput Power     See Table     See Table       Output Current     Response Time     100     See Table       Ripple & Noise (20MHz BW) <sup>(7)</sup> Ic=Full Load, Vin=100VAC     4     100       Transient Response Time     Full Load, Vin=100VAC     8     100       Hold-Up Time <sup>(6)</sup> Ic=Full Load, Vin=100VAC     8     100       PROTECTION     Start-Up Time     Ic=Full Load, Vin=100VAC     8       PROTECTION     Automatic Rec     None, but output is protected conditions       Stort Circuit Protection     Derate linearly from 100% load at 40°C to 50% loa	63 0.4 0.20 45 90 e 1 5 e	A			
Low Line     Low Line     Io=Full Load, Vin=100VAC     Io       Input Current     High Line     Io=Full Load, Vin=240VAC     35     10       Inrush Current     Low Line     Io=Full Load, Z5°C, Cool Start, Vin=115VAC     35     10       OUTPUT SPECIFICATIONS     Use Full Load, Z5°C, Cool Start, Vin=230VAC     70     10       Output Voltage     Io=Full Load     0.5     4     10       Load Regulation <sup>(6)</sup> Vin=230VAC     4     100     See Table       Output Voltage     See Table     See Table     See Table     100     See Table       Ripple & Noise (20MHz BW) <sup>(7)</sup> Full Load, Vin=100VAC     4     100     See Table     100     Irransient Response Time     Full Load, Vin=110VAC     8     100     Irransient Response Time     Io=Full Load, Vin=100VAC     8     100     Irransient Response Time     Io=Full Load, Vin=100VAC     100     Irransient Response Time     Iso Full Load, Vin=100VAC     8     Io	0.4 0.20 45 90 e 1 5 e	A			
Input Current     High Line Low Line     IceFull Load, Vin=240VAC     Ice	0.20 45 90 e 1 5 e	A			
Inrush Current     Low Line     Io=Full Load, 25°C, Cool Start, Vin=115VAC     35     Io       OUTPUT SPECIFICATIONS     Io=Full Load, 25°C, Cool Start, Vin=230VAC     70     Io     Io       Output Voltage     Io=Full Load, 25°C, Cool Start, Vin=230VAC     70     Io     Io       Output Voltage     Io=Full Load, 25°C, Cool Start, Vin=230VAC     70     Io     Io       Output Voltage     Io=Full Load     0.5     Io     Io<	45 90 e 1 5 e				
Influence     High Line     Io=Full Load, 25°C, Cool Start, Vin=230VAC     70       OUTPUT SPECIFICATIONS	90 e 1 5 e				
High Line   Io=Full Load, 25°C, Cool Start, Vin=230VAC   70     OUTPUT SPECIFICATIONS   See Table     Output Voltage   0.5   Io     Line Regulation <sup>(6)</sup> Vin=230VAC   4   Io     Output Power   See Table   See Table     Output Current   See Table   See Table     Ripple & Noise (20MHz BW) <sup>(7)</sup> Io=Full Load, Vin=100VAC   100     Transient Response Time   Full Load, Vin=100VAC   8   Io     Hold-Up Time <sup>(6)</sup> Io=Full Load, Vin=100VAC   8   Io     Start-Up Time   Io=Full Load, Vin=100VAC   4   Io     PROTECTION   See Table   ±0.04   PROTECTION     Short Circuit Protection   All Outputs   ±0.04   Evolution is protected conditions     Short Circuit Protection   Parele linearly from 100% load at 40°C to 50% load at 70°C   0   Io     Storage Temperature   10-95%RH   -40   Io   Io     Operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0   Io   Io     Storage Temperature   10-95%RH   -40   Io   Io   Io   Io   Io <td>e 1 5 e</td> <td></td>	e 1 5 e				
Output Voltage     See Table       Line Regulation <sup>(6)</sup> Io=Full Load     0.5     Io       Load Regulation <sup>(6)</sup> Vin=230VAC     4     Io       Output Power     See Table     See Table     See Table       Output Power     See Table     See Table     See Table       Output Power     See Table     See Table     See Table       Output Current     See Table     See Table     See Table       Ripple & Noise (20MHz BW) <sup>(7)</sup> Full Load, Vin=100VAC     8     Io       Hold-Up Time <sup>(6)</sup> Io=Full Load, Vin=100VAC     8     Io       Start-Up Time     Io=Full Load, Vin=100VAC     8     Io       PROTECTION     Io=Full Load, Vin=100VAC     8     Io       PROTECTION     Start-Up Time     Io=Full Load, Vin=100VAC     Io       Over Load Protection     Io=Full Load, Vin=100VAC     8     Io       Storage Temperature     Derate linearly from 100% load at 40°C to 50% load at 70°C     Io     Io       Operating Humidity     Non-Condensing     Io     Io     Io       Storage Temperature <t< td=""><td>1 5 e</td><td>%</td></t<>	1 5 e	%			
Line Regulation <sup>(6)</sup> Io=Full Load     0.5     Io       Load Regulation <sup>(6)</sup> Vin=230VAC     4     -       Output Power	1 5 e	%			
Load Regulation <sup>(6)</sup> Vin=230VAC   4   See Table     Output Power   See Table   See Table     Output Current   Ripple & Noise (20MHz BW) <sup>(7)</sup> 100   100     Transient Response Time   Full Load, Vin=100VAC   8   100     Hold-Up Time <sup>(8)</sup> Io=Full Load, Vin=110VAC   8   1     Start-Up Time   Io=Full Load, Vin=100VAC   8   1     Temperature Coefficient   All Outputs   ±0.04   100     PROTECTION    4   40   1     Over Load Protection   Orerating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0   1     Storage Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0   1   1     Operating Humidity   Non-Condensing   0   1	5 e	%			
Output Power Output Current     See Table       Ripple & Noise (20MHz BW) <sup>(7)</sup> See Table       Transient Response Time     Full Load, Vin=100VAC     100       Hold-Up Time <sup>(8)</sup> Io=Full Load, Vin=110VAC     8     1       Start-Up Time     Io=Full Load, Vin=100VAC     8     1       PROTECTION     All Outputs     ±0.04     ±0.04       Start-Up Time     Io=Full Load, Vin=100VAC     100     1       Start-Up Time     Io=Full Load, Vin=100VAC     8     1       PROTECTION     Io=Full Load, Vin=100VAC     100     100       Stord Circuit Protection     Io=Full Load, Vin=100VAC     100     100       Over Load Protection     Derate linearly from 100% load at 40°C to 50% load at 70°C     0     100       Storage Temperature     Derate linearly from 100% load at 40°C to 50% load at 70°C     0     100     100       Storage Temperature     Derate linearly from 100% load at 40°C to 50% load at 70°C     0     100     100       Storage Humidity     Non-Condensing     0     100     100     100     100     100     100     100     100	e				
Output Current Ripple & Noise (20MHz BW)See TableRipple & Noise (20MHz BW)Full Load, Vin=100VAC100Transient Response TimeFull Load, Vin=100VAC8100Hold-Up TimeIo=Full Load, Vin=110VAC8100Start-Up TimeIo=Full Load, Vin=100VAC8100PROTECTIONAll Outputs±0.04±0.04Short Circuit ProtectionAll Outputs±0.04±0.04Over Load ProtectionDerate linearly from 100% load at 40°C to 50% load at 70°C0100Operating TemperatureDerate linearly from 100% load at 40°C to 50% load at 70°C0100Storage TemperatureDerate linearly from 100% load at 40°C to 50% load at 70°C0100Operating TemperatureDerate linearly from 100% load at 40°C to 50% load at 70°C0100Storage TemperatureDerate linearly from 100% load at 40°C to 50% load at 70°C0100Operating HumidityNon-Condensing0100100Storage HumidityNon-Condensing0100100Storage HumidityNon-Condensing, IEC61000-4-2100100100Operating Altitude (Elevation)All Conditions100100100Vibration10~550Hz, 10min./1cycle, 60min. each along X,Y,Z axes100100Surge VoltageLine-Neutral Line-Neutral-Line-PEFree Air Convertion100CoolingElectoric PE & Neutral-PEElectoric PE & Neutral-PE100CoolingElectoric PE & Neutral-PEElectoric PE & Ne		%			
Ripple & Noise (20MHz BW) <sup>(7)</sup> 100     Transient Response Time   Full Load, Vin=100VAC   100     Hold-Up Time <sup>(8)</sup> Io=Full Load, Vin=110VAC   8   100     Start-Up Time   Io=Full Load, Vin=100VAC   8   100     Temperature Coefficient   All Outputs   ±0.04   ±0.04     PROTECTION   Automatic Rec   None, but output is protected is conditions     Over Load Protection   Derate linearly from 100% load at 40°C to 50% load at 70°C   0		See Table			
Transient Response TimeFull Load, Vin=100VACImage: Section Content of Conten	See Table				
Hold-Up Time <sup>(8)</sup> Io=Full Load, Vin=110VAC   8   4     Start-Up Time   Io=Full Load, Vin=100VAC   ±0.04   ±0.04     Temperature Coefficient   All Outputs   ±0.04     PROTECTION   Short Circuit Protection   Automatic Rec     Over Load Protection   Derate linearly from 100% load at 40°C to 50% load at 70°C   0		mVp-p			
Start-Up Time   Io=Full Load, Vin=100VAC   ±0.04     Temperature Coefficient   All Outputs   ±0.04     PROTECTION   Short Circuit Protection   Automatic Rec     Over Load Protection   Derate linearly from 100% load at 40°C to 50% load at 70°C   0     ENVIRONMENTAL SPECIFICATIONS   Derate linearly from 100% load at 40°C to 50% load at 70°C   0     Operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0   40     Operating Humidity   Non-Condensing   0   0   0     Storage Humidity   Non-Condensing   0   0   0     Electro Static Discharge   Air Discharge, IEC61000-4-2   0   0   0     Operating Altitude (Elevation)   All Conditions   3   3   3     Vibration   10~500Hz, 10min//tcycle, 60min. each along X,Y,Z axes   3   3   3     Surge Voltage   Line-Neutral   Line-Neutral   5   5   5     Cooling   Cooling   Free Air Convertion   5   5   5	4	mS			
Temperature Coefficient   All Outputs   ±0.04     PROTECTION   Short Circuit Protection   Automatic Rec     Over Load Protection   None, but output is protected conditions     ENVIRONMENTAL SPECIFICATIONS   Derate linearly from 100% load at 40°C to 50% load at 70°C   0     Operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0      Storage Temperature   10~95%RH   -40       Operating Humidity   Non-Condensing   0       Storage Humidity   Ibiccharge, IEC61000-4-2        Contact Discharge, IEC61000-4-2         Operating Altitude (Elevation)   All Conditions        Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes        Surge Voltage   Line-Neutral   Line-PE & Neutral-PE         Cooling   Free Air Convert   Free Air Convert		mS			
PROTECTION   Automatic Rec     Short Circuit Protection   None, but output is protected conditions     Over Load Protection   Derate linearly from 100% load at 40°C to 50% load at 70°C   0     Storage Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0     Operating Temperature   10~95%RH   -40   0     Operating Humidity   Non-Condensing   0   0     Storage Humidity   Air Discharge, IEC61000-4-2   0   0     Contact Discharge, IEC61000-4-2   Contact Discharge, IEC61000-4-2   0   0     Operating Altitude (Elevation)   All Conditions   3   3   3     Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes   0   1     Surge Voltage   Line-Neutral   Ine-Neutral   1   1     Cooling   Free Air Convertion   Free Air Convertion   1	3	S			
Short Circuit Protection   Automatic Rec     Over Load Protection   None, but output is protected conditions     ENVIRONMENTAL SPECIFICATIONS   operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0      Storage Temperature   10~95%RH   -40       Operating Humidity   Non-Condensing   0       Storage Humidity   Non-Condensing   0       Electro Static Discharge   Air Discharge, IEC61000-4-2        Operating Altitude (Elevation)   All Conditions        Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes        Surge Voltage   Line-Neutral   Line-PE & Neutral-PE        Cooling   Image: PE & Neutral-PE   Free Air Convertion		%/°C			
Over Load Protection   None, but output is protected conditions     ENVIRONMENTAL SPECIFICATIONS   0   0     Operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0   0     Storage Temperature   10~95%RH   -40   0   0     Operating Humidity   Non-Condensing   0   0   0     Storage Humidity   Non-Condensing   0   0   0     Electro Static Discharge   Air Discharge, IEC61000-4-2   0   0   0     Operating Altitude (Elevation)   All Conditions   0   0   0   0     Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes   0   0   0   0     Surge Voltage   Line-Neutral   Line-PE & Neutral-PE   Encert Convertion   Free Air Convertion					
ENVIRONMENTAL SPECIFICATIONS   conditions     Operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0      Storage Temperature   10~95%RH   -40      Operating Humidity   Non-Condensing   0      Storage Humidity   Non-Condensing   0      Electro Static Discharge   Air Discharge, IEC61000-4-2       Operating Altitude (Elevation)   All Conditions        Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes        Surge Voltage   Line-Neutral   Line-PE & Neutral-PE        Cooling   Free Air Convertion   Free Air Convertion	Automatic Recovery				
ENVIRONMENTAL SPECIFICATIONS     Operating Temperature   Derate linearly from 100% load at 40°C to 50% load at 70°C   0     Storage Temperature   10~95%RH   -40     Operating Humidity   Non-Condensing   0     Storage Humidity   Non-Condensing   0     Electro Static Discharge   Air Discharge, IEC61000-4-2   0     Operating Altitude (Elevation)   All Conditions   0     Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes   0     Surge Voltage   Line-Neutral   Electro Static Discharge   Free Air Convertion	None, but output is protected against short circuit				
Storage Temperature 10~95%RH -40   Operating Humidity Non-Condensing 0   Storage Humidity 0 0   Electro Static Discharge Air Discharge, IEC61000-4-2 Contact Discharge, IEC61000-4-2 0   Operating Altitude (Elevation) All Conditions 0   Vibration 10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes 0   Surge Voltage Line-Neutral Line-PE & Neutral-PE Free Air Convert					
Storage Temperature 10~95%RH -40   Operating Humidity Non-Condensing 0   Storage Humidity 0 0   Electro Static Discharge Air Discharge, IEC61000-4-2 Contact Discharge, IEC61000-4-2 0   Operating Altitude (Elevation) All Conditions 0   Vibration 10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes 0   Surge Voltage Line-Neutral Line-PE & Neutral-PE Free Air Convert	70	°C			
Operating Humidity Non-Condensing 0   Storage Humidity 0 0   Electro Static Discharge Air Discharge, IEC61000-4-2 Contact Discharge, IEC61000-4-2 0   Operating Altitude (Elevation) All Conditions 0   Vibration 10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes 0   Surge Voltage Line-Neutral Line-PE & Neutral-PE Imee Air Convert	85	°C			
Storage Humidity 0   Electro Static Discharge Air Discharge, IEC61000-4-2 Contact Discharge, IEC61000-4-2 0   Operating Altitude (Elevation) All Conditions 0   Vibration 10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes 0   Surge Voltage Line-Neutral Line-PE & Neutral-PE Free Air Convert	95	%			
Electro Static Discharge   Air Discharge, IEC61000-4-2   Image: Contact Discharge, IEC61000-4-2     Operating Altitude (Elevation)   All Conditions   Image: Contact Discharge, IEC61000-4-2     Vibration   10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes   Image: Contact Discharge, IEC61000-4-2     Surge Voltage   Line-Neutral   Image: Contact Discharge, IEC61000-4-2     Cooling   Free Air Convertion	95	%			
Electro Static Discharge Contact Discharge, IEC61000-4-2 Image: Contact Discharge, IEC61000-4-2   Operating Altitude (Elevation) All Conditions Image: Contact Discharge, IEC61000-4-2   Vibration 10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes Image: Contact Discharge, IEC61000-4-2   Surge Voltage Line-Neutral Image: Contact Discharge, IEC61000-4-2   Cooling Line-Neutral-PE Free Air Convertion	8				
Operating Altitude (Elevation)   All Conditions	6	kV			
Vibration 10~500Hz, 10min./1cycle, 60min. each along X,Y,Z axes   Surge Voltage Line-Neutral   Line-PE & Neutral-PE Free Air Convertion	3000	М			
Surge Voltage Line-Neutral   Line-PE & Neutral-PE Free Air Convertion	5	G			
Surge Voltage Line-PE & Neutral-PE   Cooling Free Air Convertion		•			
	1	kV			
Flammahility Dating	Free Air Convection				
Fianmapility Rating UL94V-1	UL94V-1				
MTBF Operating temperature at 25°C, Calculated per MIL-HDBK-217F 100,000		Hrs			
GENERAL SPECIFICATIONS					
	See Table				
	2594	VDC			
Safety Ground Leakage Type A Type C, Type F	4242				
Current Vin=240VAC/60Hz Type B, Type D	4242 0.75	— mA			

Rev B

PHYSICAL SPECIFICATION	ONS	
Weight		5.82oz (165g)
Dimensions (L x W x H)		3.58in x 1.50in x 1.42in
		(91mm x 38.0mm x 36.0mm)
SAFETY		
	All Outputs	UL/c-UL (UL 60950-1: 2 <sup>nd</sup> Edition) <sup>(</sup>
	Туре А, Туре С, Туре Е	TUV/GS (EN 60950-1: 2 <sup>nd</sup> Edition
	DTEPU16A	
Safety Approvals <sup>(2)</sup>	DTEPU16B	
	DTEPU16C	
	DTEPU16D	
	DTEPU16E	
Protection Classes	Туре А, Туре С, Туре Е	Class I
Protection Classes	Type B. Type D	Double Insulated Class II

Туре В, Туре D

EMC Emission

Type B, Type D

Current

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Double Insulated, Class II

Compliance to EN55022 (CISPR)

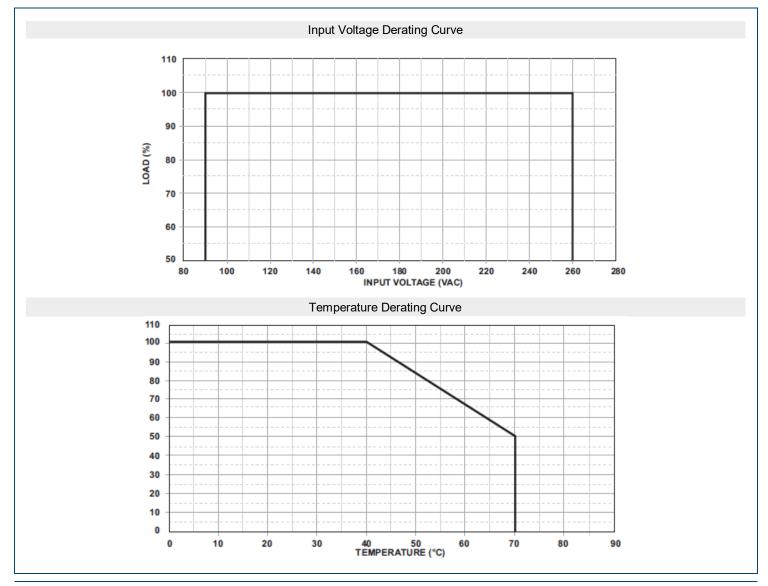


## NOTES

- (1) The "x" in the model number represents options for models. When "A"=IEC-320-C14, "B"=IEC-320-C8, "C"=IEC-320-C6, "D"=2-Prong Power Cord, and "E"=3-Prong Power Cord DTEPU16x-102~107 are required to use AWG#18/4FT output cable.
- DTEPU10x-102~107 are required to use AWG#10/4F1 output cable. DTEPU10x-108~111 are required to use AWG#20/4FT output cable. Electrical characteristics will be changed by modified output cable.
- (2) DTEPU16A-104, 105, 108 are available on NRCan mark. DTEPU16C-104, 105, 108 are available on NRCan mark. DTEPU16E-104, 105, 108 are available on NRCan mark.
- (3) Output can provide up to peak load when the power supply starts up. Staying in more than rated load continuously is not allowed.
- (4) In 60% rated load condition, each output is checked to be within voltage accuracy.
- (5) Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- (6) Load regulation is defined by changing ±40% of measured output load from 60% rated load.
- (7) Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.47µF capacitor at rated load and nominal line.
- (8) Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to low limit of main output at rated load and nominal line.
- (9) This product is Listed to applicable standards and requirements by UL.

Due to advances in technology, specifications subject to change without notice.

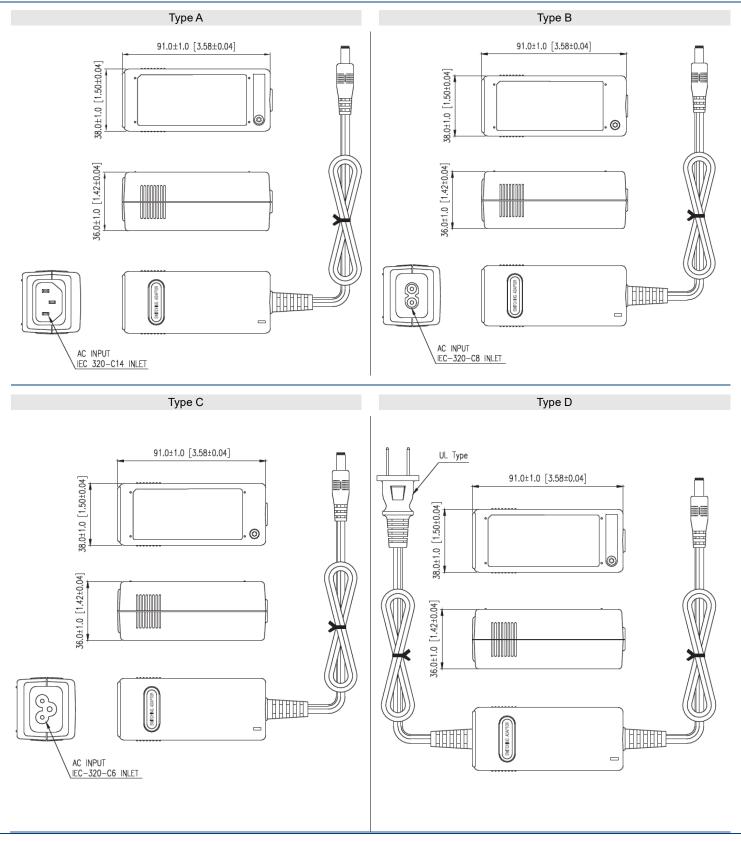
## **DERATING CURVES** -



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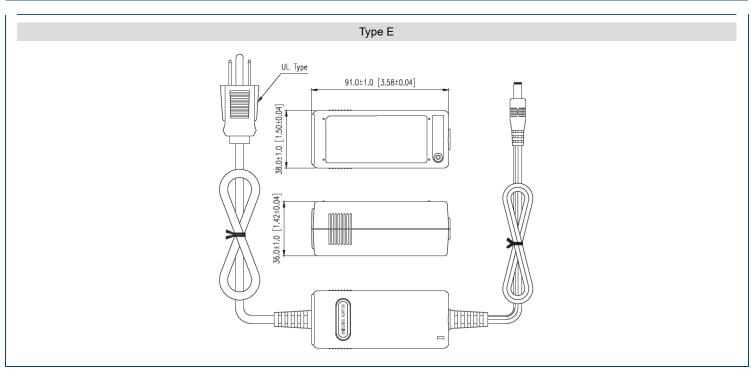
MECHANICAL DRAWINGS



Rev B

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## COMPANY INFORMATION -

Wall Industries, Inc. has created custom and modified units for over 50 years. Our in-house research and development engineers will provide a solution that exceeds your performance requirements on-time and on budget. Our ISO9001: 2015 certification is just one example of our commitment to producing a high quality, well-documented product for our customers.

Our past projects demonstrate our commitment to you, our customer. Wall Industries, Inc. has a reputation for working closely with its customers to ensure each solution meets or exceeds form, fit and function requirements. We will continue to provide ongoing support for your project above and beyond the design and production phases. Give us a call today to discuss your future projects.

Contact Wall Industries for further information:

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