



External Power Supplies

RoHS

- ◆ Low Profile Light Weight
- ◆ Single and Multiple Outputs
- ◆ 2 Wire or 3 Wire Input Versions
- ◆ Wide Range Input
- ◆ Global Safety Compliance
- ◆ Low Conducted EMI

Specifications

MODELS		DT15W	DT27	DT30UxxxP	DT30U301A	DT36PW
ITEMS						
Maximum Output Power	W	15W	27W	30W	17W	36W
Number of Outputs	-	1	2	1	3	1
Minimum Load	-	no	yes	no	yes	no
Input Voltage Range	-	90~264VAC (47~63Hz)				
Efficiency	-	75% (typical)				
Inrush Current (@120VAC)	A	20A	50A	25A	20A	50A
Size (L x W x H)	mm	110x65x25.4	106x60x30	112x60x36	140x60x39	106x60x30
Regulation (1)	-	Line: Typically 1%, Load: Typically 5%				
Ripple/Noise (1)	-	Typically 1%				
Overcurrent Protection	-	Short Circuit, auto restart				
Overvoltage Protection	-	150% max	+5V only	150% max	+5V only	150% max
Hold Up Time (120VAC)	ms	12	10	16	20	10
Operating Temperature	°C	0~50°C	0~40°C			
Storage Temperature	°C	-25~75°C	-40~70°C	-40~75°C	-40~70°C	
EMI	-	FCC Class B, EN55022B, (EN50081-1 DT15W, DT30U)				
Safety (2)	-	UL1950, CSA 22.2 234, EN60950, (MITI DT15W, DT30U)				
Input Connector	-	IEC320 C7	IEC320 C7	IEC320 C13	IEC320 C13	IEC320 C7
Output Cable	m	1.0	1.0	1.0	1.5	1.0
Output Connector ID x OD (1)	mm	2.1 x 5.5	-	2.1 x 5.5	-	2.1 x 5.5
Center Pin	-	Positive	-	Positive	-	Positive
Warranty	yrs	One year				

Specifications

MODELS		DT45PW	DT60PWxxxP	DT60PW201	DT70PWxxxP	DT100PW
ITEMS						
Maximum Output Power	W	45W	60W	60W	70W	100W
Number of Outputs	-	3	1	2	1	1
Minimum Load	-	yes	no	yes	no	no
Input Voltage Range	-	90~264VAC (47~63Hz)				90-132/180-264
Efficiency (typical)	-	75%	75%			
Inrush Current (@115VAC)	A	27A	27A			50A
Size (L x W x H)	mm	130x69x40	130x69x40	154x85x53		185x105x60
Regulation (1)	-	Line: Typically 1%, Load: Typically 5%				
Ripple/Noise (1)	-	Typically 1%				
Overcurrent Protection	-	Short Circuit, auto restart				Shutdown
Overvoltage Protection	-	+5V only	150% max	+5V only	+5V only	150% max
Hold Up Time (115VAC)	ms	10				
Operating Temperature	°C	0~40°C				
Storage Temperature	°C	-40~70°C				
EMI	-	FCC Class B, EN55022B				
Safety (2)	-	UL60950, CSA 22.2 60950, EN60950				
Input Connector	-	IEC320 C13				
Output Cable (minimum)	m	1.0	1.0	1.0	1.0	1.0
Warranty	yrs	One year				

(1) See Lambda website for full specification

(2) CE Mark excludes DT12PW

Output Ratings

	Max Output (W)		Voltage (V)	Min Load (A)	Max Output (A)	Peak Load (A)
Model		Output				
Single Output						
DT15W050P	12.5	V1	5	0	2.5	-
DT15W090P	13.5	V1	9	0	1.5	-
DT15W120P	15.0	V1	12	0	1.25	-
DT15W150P	15.0	V1	15	0	1	-
DT15W180P	14.4	V1	18	0	0.8	-
DT15W240P	15.0	V1	24	0	0.625	-
DT30U050P	20.0	V1	5	0	4	-
DT30U090P	19.8	V1	9	0	2.2	-
DT30U120P	30.0	V1	12	0	2.5	-
DT30U150P	30.0	V1	15	0	2	-
DT30U180P	28.8	V1	18	0	1.6	-
DT30U240P	30.0	V1	24	0	1.25	-
DT36PW050P	20.0	V1	5	0	4	-
DT36PW090P	27.0	V1	9	0	3	-
DT36PW120P	30.0	V1	12	0	2.5	-
DT36PW150P	36.0	V1	15	0	2.4	-
DT36PW180P	36.0	V1	18	0	2	-
DT36PW240P	36.0	V1	24	0	1.5	-
DT60PW090P	40.5	V1	9	0	4.5	-
DT60PW120P	39.6	V1	12	0	3.3	-
DT60PW150P	60.0	V1	15	0	4	-
DT60PW180P	59.4	V1	18	0	3.3	-
DT60PW240P	60.0	V1	24	0	2.5	3
DT70PW050P	40.0	V1	5	0	8	10
DT70PW090P	50.4	V1	9	0	5.6	-
DT70PW120P	50.4	V1	12	0	4.2	-
DT70PW135P	70.0	V1	13.5	0	5.2	-
DT70PW150P	69.0	V1	15	0	4.6	-
DT70PW180P	70.2	V1	18	0	3.9	-
DT70PW240P	69.6	V1	24	0	2.9	-
DT100PW240P	100.0	V1	24	0	4.2	-
DT100PW480P	100.0	V1	48	0	2.1	-
Dual Outputs						
DT27PW201	27.0	V1	5.1	0.5	5	-
		V2	12	0.24	1.5	-
DT60PW201	60.0	V1	5.1	0.5	6	8
		V2	12	0.1	2	3
Triple Outputs						
DT30U301A	17.0	V1	5	0.3	1	-
		V2	12	0.2	0.7	0.8
		V3	-12	0.1	0.2	-
DT45PW301	45.0	V1	5	0.5	5	-
		V2	12	0.3	1.5	2
		V3	-12	0	0.3	-

Line Cord Accessories

DT15W, DT27, DT36PW	RLMDT361800	US Plug to IEC320 C7 1.8m long
DT30U, DT45, DT60, DT70, DT100	RLMDT701800	US Plug to IEC320 C13 1.8m long

For Additional Information, please visit
www.lambdapower.com/products/dt-series.htm