



## External Power Supplies

**RoHS**

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

**Not recommended for new designs**

MODELS		DT27	DT36PW
ITEMS			
Maximum Output Power	W	27W	36W
Number of Outputs	-	2	1
Minimum Load	-	yes	no
Input Voltage Range	-	90~264VAC (47~63Hz)	
Efficiency	-	75% (typical)	
Inrush Current (@120VAC)	A	50A	50A
Size (L x W x H)	mm	106x60x30	106x60x30
Regulation (1)	-	Line: Typically 1%, Load: Typically 5%	
Ripple/Noise (1)	-	Typically 1%	
Overcurrent Protection	-	Short Circuit, auto restart	
Overvoltage Protection	-	+5V only	150% max
Hold Up Time (120VAC)	ms	10	10
Operating Temperature	°C	0~40°C	
Storage Temperature	°C	-40~70°C	-40~70°C
EMI	-	FCC Class B, EN55022B, (EN50081-1 DT15W, DT30U)	
Safety	-	UL60950-1, CSA 22.2 234, EN60950-1	
Input Connector	-	IEC320 C7	IEC320 C7
Output Cable	m	1.0	1.0
Output Connector ID x OD (1)	mm	-	2.1 x 5.5
Center Pin	-	-	Positive
Warranty	yrs	One year	

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	-	UL60950-1, CSA 22.2 60950-1, EN60950-1				
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

<b>Output Ratings</b>						
Model	Max Output (W)	Output	Voltage (V)	Min Load (A)	Max Output (A)	Peak Load (A)
<b>Single Output</b>						
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	-
<b>Dual Outputs</b>						
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
<b>Triple Outputs</b>						
DT45PW301	45.0	V1	5	0.5	5	-
		V2	12	0.3	1.5	2
		V3	-12	0	0.3	-

<b>Line Cord Accessories</b>		
DT27, DT36PW	RLMDT361800	US Plug to IEC320 C7 1.8m long
DT45, DT60, DT70, DT100	RLMDT701800	US Plug to IEC320 C13 1.8m long

For Additional Information, please visit [us.tdk-lambda.com/lp/products/dt-series.htm](http://us.tdk-lambda.com/lp/products/dt-series.htm)

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