

DC-DC Model Numbering System

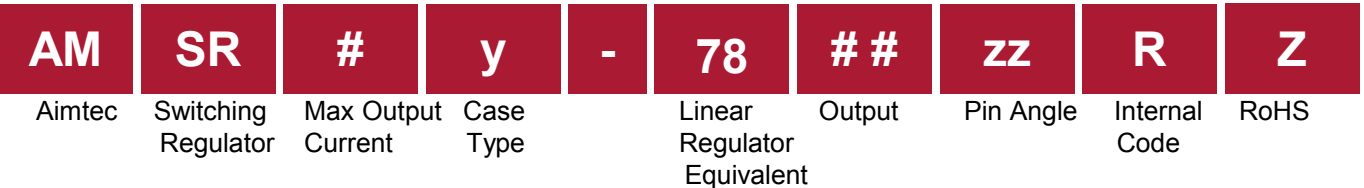


Aimtec Wattage Case Input Range Input Voltage Output 1 Output 2 Output Type Isolation Application Internal Code RoHS Package

Symbol	Definition	Range																														
x	P output	¼, 1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 30, 40, 60 Watt																														
y	Case Type	<table border="0"> <tr> <td>B</td> <td>DIP16</td> <td>F</td> <td>SIP 12</td> <td>P</td> <td>DIP8</td> </tr> <tr> <td>C</td> <td>1x1 inch</td> <td>K</td> <td>2x1.6 inches</td> <td>Q</td> <td>non-standard</td> </tr> <tr> <td>D</td> <td>SIP 7</td> <td>L</td> <td>SMD</td> <td>S</td> <td>SIP 4</td> </tr> <tr> <td>DR</td> <td>SIP 7 (regulated)</td> <td>M</td> <td>DIP14</td> <td>T</td> <td>DIP 24 (input range 2:1 or 4:1)</td> </tr> <tr> <td>E</td> <td>2x1 inches</td> <td>N</td> <td>DIP 24 (input range ±10%)</td> <td>U</td> <td>2x2 inches</td> </tr> </table>	B	DIP16	F	SIP 12	P	DIP8	C	1x1 inch	K	2x1.6 inches	Q	non-standard	D	SIP 7	L	SMD	S	SIP 4	DR	SIP 7 (regulated)	M	DIP14	T	DIP 24 (input range 2:1 or 4:1)	E	2x1 inches	N	DIP 24 (input range ±10%)	U	2x2 inches
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:	Input Voltage Range	omitted - ±10% or 2:1 W - 4:1																														
**	U input	<table border="0"> <tr> <td>03 - 3.3VDC</td> <td>15 - 15VDC</td> <td>48 - 48VDC</td> </tr> <tr> <td>05 - 5VDC</td> <td>18 - 18VDC</td> <td>72 - 72VDC</td> </tr> <tr> <td>09 - 9VDC</td> <td>24 - 24VDC</td> <td>75 - 75VDC</td> </tr> <tr> <td>12 - 12VDC</td> <td>36 - 36VDC</td> <td></td> </tr> </table>	03 - 3.3VDC	15 - 15VDC	48 - 48VDC	05 - 5VDC	18 - 18VDC	72 - 72VDC	09 - 9VDC	24 - 24VDC	75 - 75VDC	12 - 12VDC	36 - 36VDC																			
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β	Output Type	##S - single ###D - dual separated ##D - dual #####T - triple																														
φ	Isolation (VDC)	Omitted- 1K,1.5K, or 1.6K H40 - 4K H30 - 3K H52 - 5.2K H35 - 3.5K H60 - 6K																														
ω	Application	M - medical																														
R	Internal Codes	A, I, M, N, R, U																														
Z	Compliance	RoHS																														
⊖	Package Type	Omitted - Tube TR - Tape Reel																														

Switching Regulators

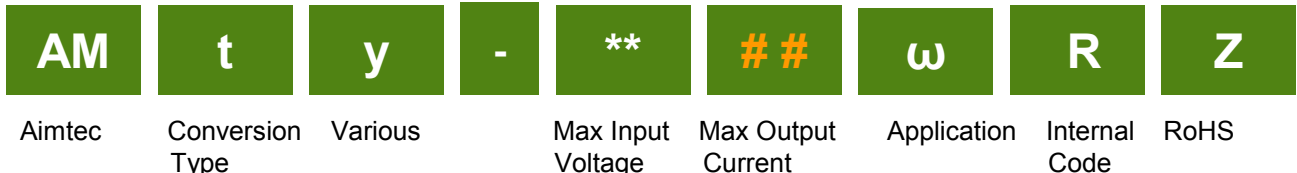
Model Numbering System



Symbol	Definition	Range
#	Max Output Current	Omitted : 500mA 1 = 1000mA 1.5 = 1500mA 2 = 2000mA
y	Case Type	Omitted – SIP3 L – SMD W – Wired Connections B – internal code
##	U Output	1.5, 1.8, 2.5, 3.3, 5, 6.5, 7.2, 9, 12, 15
zz	Pin Angle	Omitted – straight L – curved at 90°
R	Internal Code	N
Z	Compliance	RoHS

DC-DC LED Driver

Model Numbering System



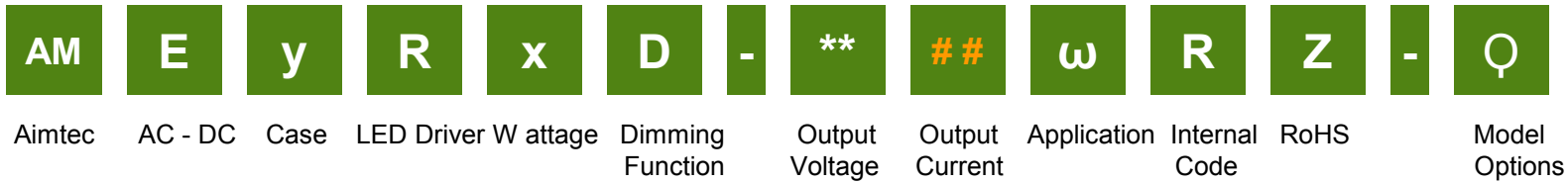
Symbol	Definition	Range
t	Conversion type	LD – Buck conversion (step down) LB – Boost conversion (step up)
y	Various	L – low profile P – DIP8 V – SMD W – ultra wide input voltage range
**	Maximum Input Voltage	Two digits, model specific ,VDC
##	Maximum Output Current	Two or three digits, model specific, x10 mA
ω	Application	omitted : 0° to 85°C or -20 to 85°C C : -55° to 85°C
R	Internal Code	A, I, N, R
Z	Compliance	RoHS

AC-DC Model Numbering System



Symbol	Definition	Range
y	Case Type	Omitted – encapsulated 0 – open frame C – enclosed with wired connector package S – enclosed with screw terminals L – Low profile
x	P output	5, 6, 10, 15, 20, 30, 40 Watt
##	U Output	3.3, 5, 12, 15, 24 VDC
β	Output	##S - single ##D - dual
ω	Application	Omitted – industrial M - medical
R	Internal Codes	A, N
Z	Compliance	RoHS

AC-DC Model Numbering System



Symbol	Definition	Range
y	Case Type	Omitted – metal P - Plastic 0 – open frame
x	Max P output	5, 10, 15, 30, 60, 90, 120, 150 watt
D	Dimming Function	N/A or Resistive/Analog 0-10V D – Triac
**	Max U Output Voltage	Two digits, model specific ,VDC
##	Nominal Output Current	Two or three digits, model specific, x10 mA
ω	Application	omitted : 0 to 85°C or -20 to 85°C C : -55 to 85°C
R	Internal Code	A
Z	Compliance	RoHS
Q	Model Options	UD: Universal AC input 90 – 264VAC (no Triac dimming), IP20 UW: Universal AC input 90 – 264VAC (no Triac dimming), IP67 110D: AC input 90-135VAC, IP20 110W: AC input 90-135VAC, IP67 220D: AC input 180-264VAC, IP20 220W: AC input 180-264VAC, IP67 F: no dimming option