



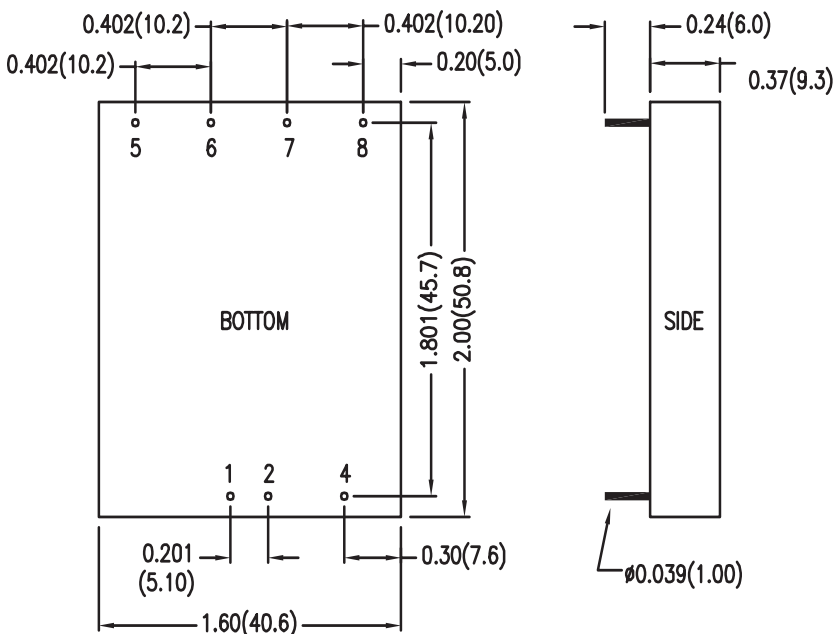
# 25-30 Watt KMS Single and Dual Series



- Efficiency up to 89%
- 1500VDC Isolation
- MTBF > 1,000,000 Hours
- 2:1 Input
- Six-Sided Shielding
- Over Voltage Protection
- Remote On/Off
- Output Trim
- CSA Approved
- RoHS Compliant



Model Number	Voltage			Current				Reflected Ripple	Input Overvoltage (1000ms)	Over Voltage Protection	Efficiency	Capacitive Load
	Input		Output	Input		Output						
	Nom. (VDC)	Range (VDC)	(VDC)	@ No Load (mA)	@ Max Load (mA)	Min (mA)	Max (mA)					
KMS18H12S3R3	12	9-18	3.3	40	1867	400	5500	100	25	3.9	81	470 $\mu$ F
KMS25H12S5	12	9-18	5	40	2480	350	5000	100	25	6.8	84	470 $\mu$ F
KMS30H12S12	12	9-18	12	40	2841	166	2500	100	25	15	88	470 $\mu$ F
KMS30H12S15	12	9-18	15	40	2841	133	2000	100	25	18	88	470 $\mu$ F
KMS30H12D12	12	9-18	$\pm$ 12	40	2841	$\pm$ 83	$\pm$ 1250	100	25	$\pm$ 15	88	220 $\mu$ F
KMS30H12D15	12	9-18	$\pm$ 15	40	2841	$\pm$ 65	$\pm$ 1000	100	25	$\pm$ 18	88	220 $\mu$ F
KMS18H24S3R3	24	18-36	3.3	20	922	400	5500	50	50	3.9	82	470 $\mu$ F
KMS25H24S5	24	18-36	5	20	1225	350	5000	50	50	6.8	85	470 $\mu$ F
KMS30H24S12	24	18-36	12	20	1404	166	2500	50	50	15	89	470 $\mu$ F
KMS30H24S15	24	18-36	15	20	1404	133	2000	50	50	18	89	470 $\mu$ F
KMS30H24D12	24	18-36	$\pm$ 12	20	1404	$\pm$ 83	$\pm$ 1250	50	50	$\pm$ 15	89	220 $\mu$ F
KMS30H24D15	24	18-36	$\pm$ 15	20	1404	$\pm$ 65	$\pm$ 1000	50	50	$\pm$ 18	89	220 $\mu$ F
KMS18H48S3R3	48	36-75	3.3	10	461	400	5500	25	100	3.9	82	470 $\mu$ F
KMS25H48S5	48	36-75	5	10	613	350	5000	25	100	6.8	85	470 $\mu$ F
KMS30H48S12	48	36-75	12	10	702	166	2500	25	100	15	89	470 $\mu$ F
KMS30H48S15	48	36-75	15	10	702	133	2000	25	100	18	89	470 $\mu$ F
KMS30H48D12	48	36-75	$\pm$ 12	10	702	$\pm$ 83	$\pm$ 1250	25	100	$\pm$ 15	89	220 $\mu$ F
KMS30H48D15	48	36-75	$\pm$ 15	10	702	$\pm$ 65	$\pm$ 1000	25	100	$\pm$ 18	89	220 $\mu$ F



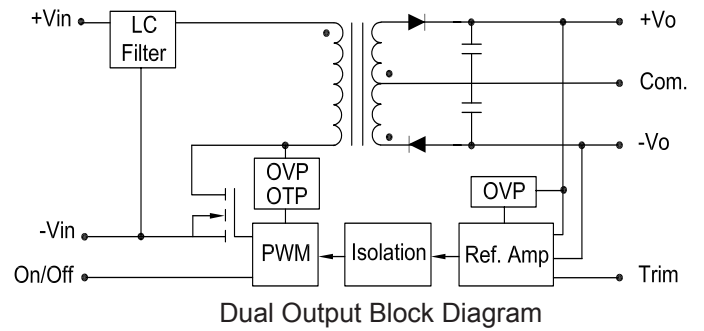
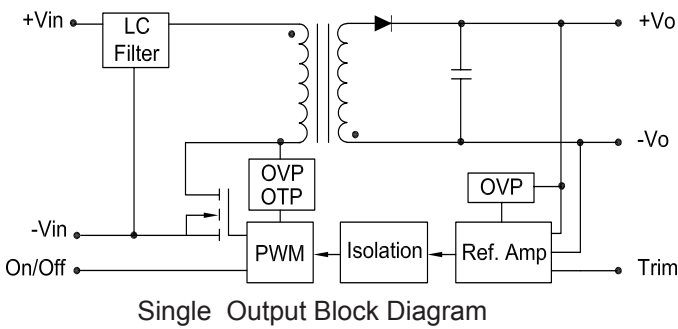
Dimensions are inches (mm) unless noted

Tolerance: Inches      Millimeters  
 X.XX  $\pm$ 0.02      X.X  $\pm$ 0.5  
 X.XXX  $\pm$ 0.010      X.XX  $\pm$ 0.25  
 Pin       $\pm$ 0.002       $\pm$ 0.05

Pin Connections (NC) Not Connected		
Pin	Single	Dual
1	+Vin	+Vin
2	-Vin	-Vin
4	Remote On/Off	Remote On/Off
5	No Pin	+Vout
6	+Vout	Common
7	-Vout	-Vout
8	Trim	Trim

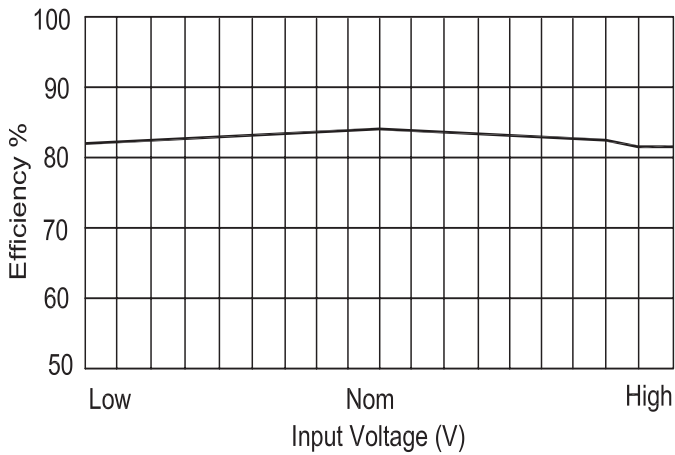


## Block Diagrams

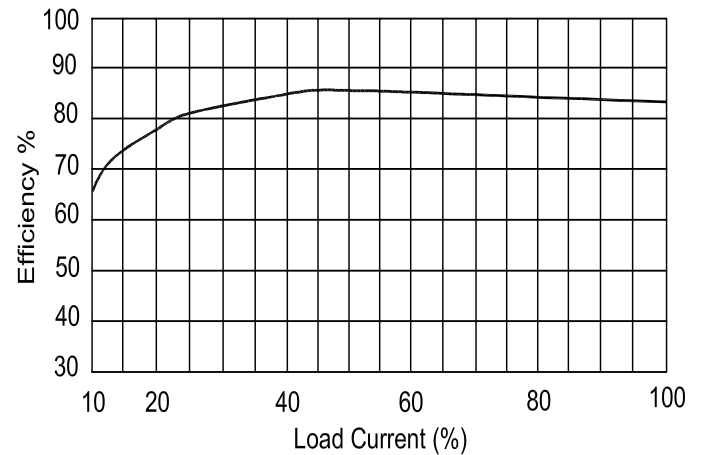


## Efficiency Curves

### Single Output

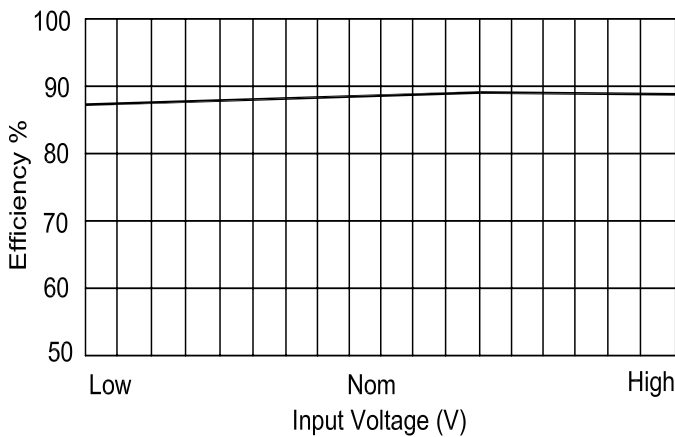


Efficiency vs Input Voltage

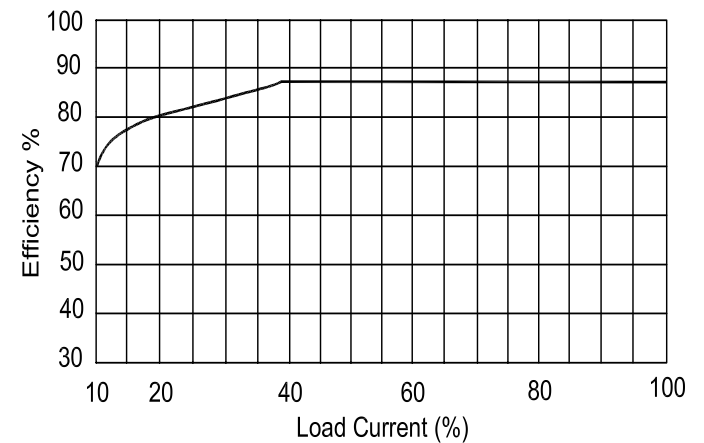


Efficiency vs Output Load

### Dual Output



Efficiency vs Input Voltage



Efficiency vs Output Load