

Survey of voltage versions Model 8862 - part 1

Version Data	12/12	12/24	12/48	24/12	24/24	24/36	24/48	36/12
Input voltage (V DC)	10-16	10-16	10-16	18-32	18-32	18-32	18-32	30-48
Output voltage (V DC)	13.2 - reg.	24 - reg.	48 - reg.	13.2 - reg.	24 - reg.	36 - reg.	48 - reg.	13.2 - reg.
Max. output power (W) - cont./interm.	40 / 53	40 / 53	34 / 40	81 / 132	81 / 110	81 / 110	81 / 110	81 / 100
Load current (A) - cont./interm.	3 / 4	1.7 / 2.2	0.7 / 0.8	6 / 10	3 / 4	2.5 / 3	1.5 / 2	6 / 8
Load regulation	5%	5%	5%	5%	5%	5%	5%	5%
Line regulation	5%	5%	5%	5%	5%	5%	5%	5%
Temperature range (°C)	-20 - +30	-20 - +30	-20 - +30	-20 - +30	-20 - +30	-20 - +30	-20 - +30	-20 - +30
No load current (mA)	ca. 150	ca. 180	ca. 220	ca. 90	ca. 90	ca. 90	ca. 90	ca. 90
Switch frequency (kHz)	ca. 50	ca. 50	ca. 50	ca. 50	ca. 50	ca. 50	ca. 50	ca. 50
Ripple (mV RMS)	10	10	10	10	10	10	10	10
EMC-standards								
* Emission (EN 55014)	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1
* Immunity (IEC 801-2, -3, -4)	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1
Efficiency	80%	75%	68%	85%	85%	85%	85%	85%
Protection:								
- against reversed input polarity	yes	yes	yes	yes	yes	yes	yes	yes
- fuse in series w/input	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A	6.3 A
- input protection for transients	>18 V	>18 V	>18 V	>50 V	>50 V	>50 V	>50 V	>50 V
- overvoltage protection at output	16 V	33 V	56 V	16 V	33 V	56 V	56 V	16 V
- thermal protection	yes	yes	yes	yes	yes	yes	yes	yes
- short circuit proof	yes	yes	yes	yes	yes	yes	yes	yes
Insulation:								
- electr. sep. from chassis	input + output	input + output	input + output	input + output	input + output	input + output	input + output	input + output
- input electr. sep. from outp.	yes	yes	yes	yes	yes	yes	yes	yes
Terminals	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on
Dimensions (mm)(LxBxH)	135x119x46	135x119x46	135x119x46	135x119x46	135x119x46	135x119x46	135x119x46	135x119x46
Weight (kg)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Others:								
Output may be adjusted betw. by small modific.- max. load	7-16 V 3 A	22-28 V 1.7 A	34-57 V 0.7 A	7-16 V 6 A	22-28 V 3 A	24-40 V 2.5 A	34-49 V 1.5 A	7-16 V 6 A

Survey of voltage versions Model 8862 - part 2

Data \ Version	36/24	48/12	48/24	48/48	80/12	80/24		
Input voltage - (V DC)	30-48	40-64	40-64	40-64	72-140	72-140		
Output voltage (V DC)	24 - reg	13.2 - reg.	24 - reg.	48 - reg.	13.2 - reg.	24 - reg.		
Max output power (W) cont./interm.	81 / 100	81 / 110	81 / 110	81 / 110	81 / 110	81 / 110		
Load current (A) - cont./interm.	3 / 4	6 / 8	3 / 4	1,5 / 2	6 / 8	3 / 4		
Load regulation	5%	5%	5%	5%	5%	5%		
Line regulation	5%	5%	5%	5%	5%	5%		
Temperature range (°C)	-20 - +30	-20 - +30	-20 - +30	-20 - +30	-20 - +30	-20 - +30		
No load current (mA)	ca. 90	ca. 60	ca. 60	ca. 60	ca. 35	ca. 35		
Switch frequency (kHz)	ca. 50	ca. 50	ca. 50	ca. 50	ca. 50	ca. 50		
Ripple (mV RMS)	10	10	10	10	10	10		
EMC-standards								
* Emission (EN 55014)	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1	EN 50081-1		
* Immunity (IEC 801-2, -3, -4)	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1	EN 50082-1		
Efficiency	85%	85%	85%	85%	85%	85%		
Protection:								
- against reversed input polarity	yes	yes	yes	yes	yes	yes		
- fuse in series w/input	5 A	3.15 A	3.15 A	3.15 A	1.6 A	1.6 A		
- input protection for transients	>50 V	>68 V	>68 V	>68 V	>140 V	>140 V		
- overvoltage protection at output	33 V	16 V	33 V	56 V	16 V	33 V		
- thermal protection	yes	yes	yes	yes	yes	yes		
- short circuit proof	yes	yes	yes	yes	yes	yes		
Insulation:								
- electr. sep. from chassis	input + output	input + output	input + output	input + output	input + output	input + output		
- input electr. sep. from outp.	yes	yes	yes	yes	yes	yes		
Terminals	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on	6.3mm push-on		
Dimensions (mm)(LxBxH)	135x119x46	135x119x46	135x119x46	135x119x46	135x119x46	135x119x46		
Weight (kg)	0.6	0.6	0.6	0.6	0.6	0.6		
Others:								
Output may be adjusted betw. by small modific.- max. load	22-28 V 3 A	7-16 V 6 A	22-28 V 3 A	34-50 V 1.5 A	7-16 V 3 A	22-28 3 A		