

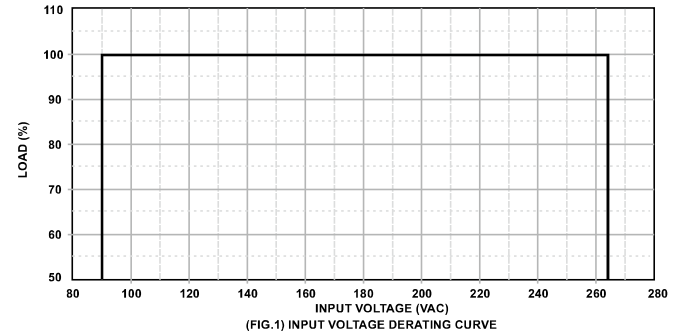
Industrial

IPU16A series V3.0

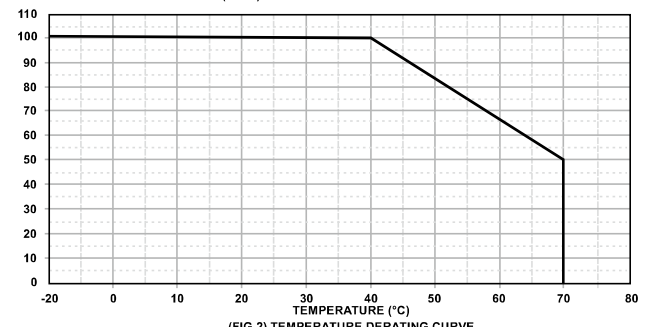
15W External Power Supply for General Purpose

SPECIFICATION NOTE :

- Output can provide up to peak load when the power supply starts up. Continuous staying in more than rated load is not allowed.
- At factory, in 60% rated load condition, each output is checked to be within voltage accuracy.
- Line regulation is defined by changing $\pm 10\%$ of input voltage from nominal line at rated load.
- Load regulation is defined by changing $\pm 40\%$ of measured output load from 60% rated load.
- The ripple is measured from peak to peak with a bandwidth-limit of 20MHz (Measured at the output connector with a 0.1uF ceramic capacitor and a 47uF electrolytic capacitor).
- Hold up time is measured from the end of the last charging pulse to the time which the main output drops down to low limit of main output at rated load and nominal line.
- Efficiency is measured at rated load, and nominal line.

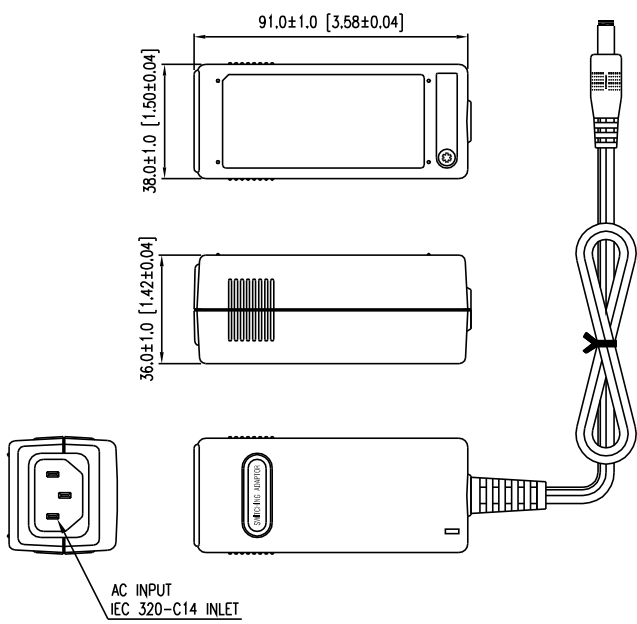


(FIG.1) INPUT VOLTAGE DERATING CURVE



(FIG.2) TEMPERATURE DERATING CURVE

MECHANICAL DIMENSIONS: (UNIT: mm [inch])



OUTPUT CABLE RECOMMEND :

- Selected output connectors and wire, please refer to Appendix.
- IPU16A-102~104 are required to use AWG#16/4FT output cable.
- IPU16A-105~108 are required to use AWG#18/4FT output cable.
- IPU16A-109~111 are required to use AWG#20/4FT output cable.
- IPU16A-111 output cable must with core.
- The regulation and efficiency will be changed by modified output cable.

PACKING :

- Net weight: 165g approx.
- Optional output connectors available contact sales for details.

Rating Chart:

MODEL NO.	Setting Voltage Range (Factory setting, can't be adjusted)		Output Current (Based on the output volt.)		Maximum Output Power (W)	Ripple & Noise (mVp-p)	Total Regulation (%)	Typ. Efficiency (%)	Typ. No Load Consumption (W)	Hold-Up Time (ms)	Protection Mode
	min	max	min	max							
	(VDC)	(VDC)	(A)	(A)							
IPU16A-102	5.0	5.99	2.00	2.50	12	100	±5	80.3	0.075	8	Hiccup
*IPU16A-103	6.5	8.0	1.50	1.84	12	100	±5	83.3	0.075	8	Hiccup
IPU16A-104	8.0	11.0	1.36	1.87	15	100	±5	84.5	0.075	8	Hiccup
IPU16A-105	11.0	13.0	1.15	1.36	15	100	±5	84.5	0.075	8	Hiccup
IPU16A-106	13.0	16.0	0.94	1.15	15	100	±5	84.5	0.075	8	Hiccup
*IPU16A-107	16.0	21.0	0.72	0.94	15	100	±5	84.5	0.075	8	Hiccup
*IPU16A-108	21.0	27.0	0.55	0.72	15	120	±5	85	0.075	8	Hiccup
*IPU16A-109	27.0	33.0	0.45	0.55	15	160	±5	85	0.075	8	Hiccup
*IPU16A-110	33.0	40.0	0.37	0.45	15	230	±3	85.5	0.075	8	Hiccup
*IPU16A-111	40.0	48.0	0.31	0.37	15	300	±3	86	0.075	8	Hiccup

[*]=MOQ is required. Please contact sales.