


■ Features :

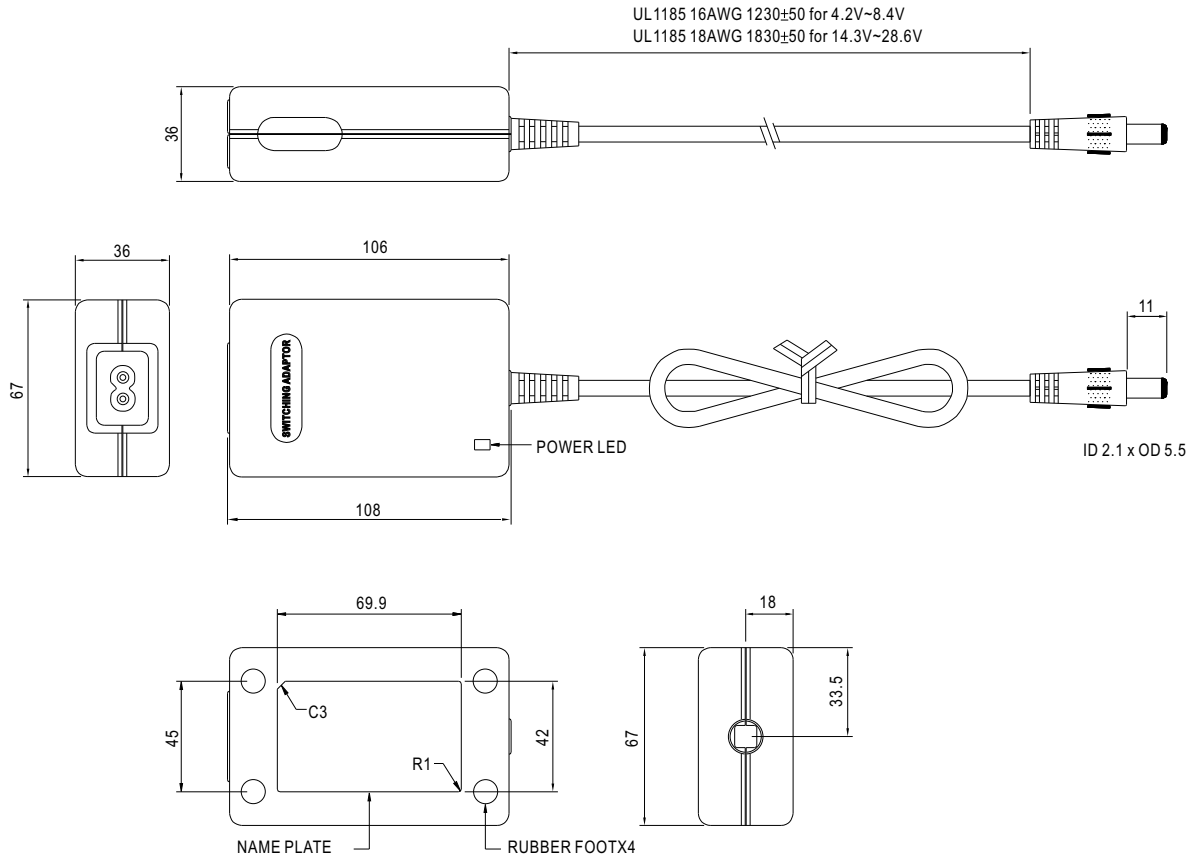
- Universal AC input / Full range
- 2 pole AC Inlet IEC320-C8
- Class II power (without earth pin)
- No load power consumption <1.0W
- Constant current and voltage(CC,CV mode)
- Suitable for continue load
- For high surge current equipment
- Protections: Short circuit / Overload / Over voltage / Over temp.
- 2 colors LED indicate for charging status
- Fully enclosed plastic case
- High reliability
- Approvals: UL / CUL / TUV / CB / FCC / CE
- 2 years warranty


SPECIFICATION

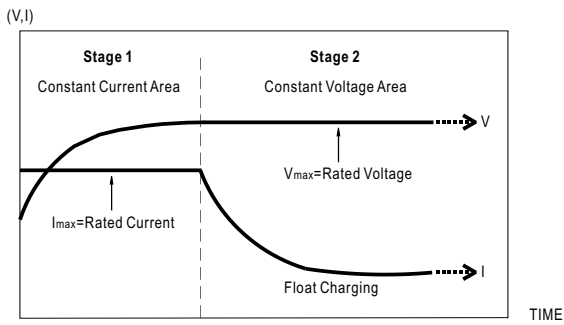
ORDER NO.	GC30B-0P1J	GC30B-1P1J	GC30B-11P1J	GC30B-2P1J	GC30B-4P1J	GC30B-5P1J	GC30B-6P1J	
OUTPUT	SAFETY MODEL NO.	GC30B-0	GC30B-1	GC30B-11	GC30B-2	GC30B-4	GC30B-5	GC30B-6
	DC VOLTAGE SET AT <small>Note.2</small>	4.2V	5.6V	7.2V	8.4V	14.3V	16.8V	28.6V
	RATED CURRENT	4A	3.99A	3A	3A	2.09A	1.6A	1.04A
	CURRENT RANGE	0 ~ 4A	0 ~ 3.99A	0 ~ 3A	0 ~ 3A	0 ~ 2.09A	0 ~ 1.6A	0 ~ 1.04A
	RATED POWER	16.8W	22.38W	21.6W	25.2W	30W	27W	30W
	RIPPLE & NOISE (max.) <small>Note.3</small>	50mVp-p	50mVp-p	80mVp-p	80mVp-p	100mVp-p	100mVp-p	150mVp-p
	CHARGING VOLTAGE RANGE <small>Note.4</small>	3.6 ~ 4.4V	5 ~ 5.8V	6.5 ~ 7.5V	7.7 ~ 8.6V	13.5 ~ 14.5V	16 ~ 17V	27.1 ~ 28.8V
	LINE REGULATION <small>Note.5</small>	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LED INDICATOR	Green LED ON <150 ~ 200mA < Red LED ON						
SETUP, RISE, HOLD UP TIME	200ms, 50ms, 16ms at full load							
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC						
	FREQUENCY RANGE	47 ~ 63Hz						
	EFFICIENCY (Typ.)	55%	70%	74%	76%	78%	78%	80%
	AC CURRENT	1A / 100VAC						
	INRUSH CURRENT (max.)	40A / 230VAC						
	LEAKAGE CURRENT(max.)	0.25mA / 240VAC						
PROTECTION	OVERLOAD	90 ~ 110% Constant current mode and over 300% pulsing mode Protection type : Constant current limiting, recovers automatically after fault condition is removed						
	OVER VOLTAGE	110 ~ 135% rated output voltage Protection type : Clamp by zener diode						
	OVER TEMPERATURE	IC1Tj130°C Protection type : Shut down o/p voltage, recovers automatically after temperature goes down						
ENVIRONMENT	WORKING TEMP.	0 ~ +50°C (Refer to output load derating curve)						
	WORKING HUMIDITY	20% ~ 90% RH non-condensing						
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH						
	TEMP. COEFFICIENT	±0.03% / °C (0 ~ 50°C)						
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes						
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, CSA22.2, EN60950-1 approved						
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC						
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH						
	EMI CONDUCTION & RADIATION	Compliance to EN55014-1 class B, FCC part 15 Class B						
	HARMONIC CURRENT	Compliance to EN61000-3-2,3						
OTHERS	EMM IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,11, light industry level, criteria A						
	DIMENSION	108*67*36mm (L*W*H)						
CONNECTOR	PACKING	309g; 54pcs / 19kg / CARTON						
	PLUG	Standard type P1J: 2.1φ * 5.5φ * 11mm, tuning fork type center positive for stock ; Other type available by customer requested						
NOTE	CABLE	Standard type 18Awg UL1185 6ft and 4ft for 4.2V~8.4V output only for stock ; Other type available by customer requested						
	NOTE	1.All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2.DC voltage: The output voltage set at point measure by plug terminal & 0% load. 3.Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4.Output charging voltage range is measured from 0% to 100% rated load. 5.Line regulation is measured from low line to high line at rated load.						

Mechanical Specification

Unit:mm



Charging Curve



LED Display

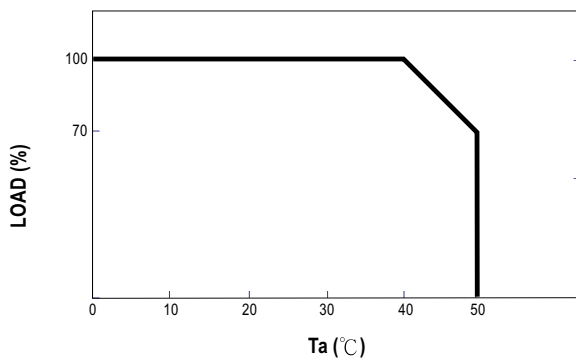
LED Status	Load Condition
Red	Charging
Green	Float Charging

Plug Assignment

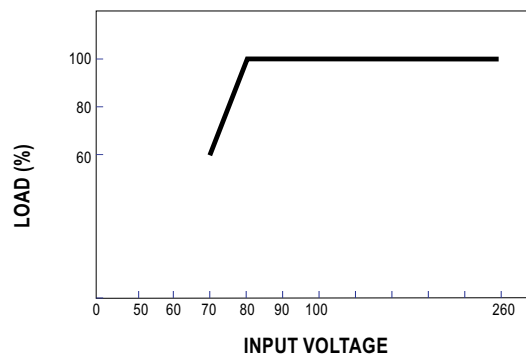
Standard plug: P1J (option)

P1J	
P/N	OUTPUT
CENTER	+

Derating Curve



Static Characteristics



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Desktop AC Adapters](#) category:

Click to view products by [Mean Well](#) manufacturer:

Other Similar products are found below :

[YS50-1903150](#) [ADP-40KD BBBM](#) [DTA27-3X-W-5](#) [212A2136](#) [ADP485-01](#) [SWA-1202](#) [SWA-1501](#) [212A2220](#) [212A2220-02](#) [212A2220-04](#)
[FWE030015A-10A](#) [TRH100A135-02E12-Level-VI](#) [TRH100A180-11E13-Level-VI](#) [TRH100A240-01E13-Level-VI](#) [TRH100A280-01E13-](#)
[Level-VI](#) [TRH100A280-11E13-Level-VI](#) [TRH50A120-02E01-Level-VI](#) [TRH50A120-12E01-Level-VI](#) [TRH50A120-40E01-Level-VI](#)
[TRH50A150-12E12-Level-VI](#) [TRH50A180-11E03-Level-VI](#) [TRH50A240-02E03-Level-VI](#) [TRH70A120-11E01-Level-VI](#) [TRH70A150-](#)
[12E02-Level-VI](#) [TRH70A240-11E03-Level-VI](#) [416FG41017](#) [DTA27-0512FWX-W3](#) [TRH100A120-02E12-Level-VI](#) [TRH100A150-11E12-](#)
[Level-VI](#) [TRH100A180-02E13-Level-VI](#) [TRH100A240-02E13-Level-VI](#) [TRH100A240-36E13-Level-VI](#) [TRH100A280-12E13-Level-VI](#)
[TRH100A480-11E13-Level-VI](#) [TRH100A480-12E13-Level-VI](#) [TRH50A120-11E01-Level-VI](#) [TRH50A120-49E01-Level-VI](#) [TRH50A150-](#)
[11E02-Level-VI](#) [TRH50A150-12E02-Level-VI](#) [TRH70A120-01E01-Level-VI](#) [TRH70A480-02E03-Level-VI](#) [KR8-PS01](#) [1894875](#)
[FWE030012A-10A](#) [FWE050024B-10A](#) [820A4080G](#) [825A0052-03](#) [825A0057-03](#) [SWA-1704W](#) [AD5012N2LM-\(401\)](#)