



Features:

- Charger for lead-acid batteries (flooded,Gel and AGM) and Li-ion batteries (lithium iron and lithium manganese) (Note.1)
- 2 stage charging characteristic
- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Over voltage / Over temperature
- * Fanless design, cooling by free air convection
- Fully enclosed plastic case
- No load power consumption<1W
- 2 color LED indicator for charging status
- Approvals: UL / CUL / TUV / EAC / CB / FCC / CE
- 2 years warranty

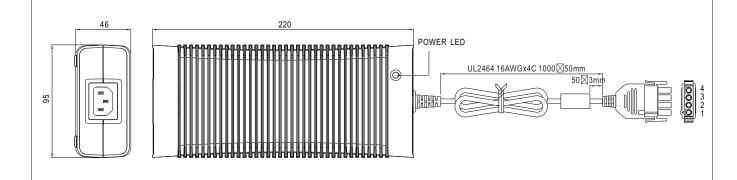


| ORDER NO. | | GC330A36-C4P | GC330A48-C4P | | |
|------------------------------|--|---|----------------|--|--|
| ОИТРИТ | SAFETY MODEL NO. | GC330A36 | GC330A48 | | |
| | DC VOLTAGE (Typ.) | 40.8V | 54.4V | | |
| | RECOMMENDED BATTERY CAPACITY Note.3 | 20 ~ 65Ah | 20 ~ 65Ah | | |
| | PEAK CURRENT(Typ.) Note 5 | 8A | 6A | | |
| | CONTINUOUS OUTPUT CURRENT (Typ.) Note 6 | 6.4A | 4.8A | | |
| | OUTPUT POWER RANGE | 261.1 ~ 326.4W | 261.1 ~ 326.4W | | |
| | LED INDICATOR | Charging(CC) : RED Floating charging(CV) : GREEN | | | |
| INPUT | VOLTAGE RANGE Note.4 | 90 ~ 264VAC 127 ~ 370VDC | | | |
| | FREQUENCY RANGE | 47 ~ 63Hz | | | |
| | POWER FACTOR (Typ.) | PF>0.95 / 230VAC PF>0.98 / 115VAC at full load | | | |
| | EFFICIENCY (Typ.) | 93.5% | 93.5% | | |
| | AC CURRENT (Typ.) | 4A / 115VAC 2A / 230VAC | | | |
| | INRUSH CURRENT (max.) | 120A / 230VAC | | | |
| | LEAKAGE CURRENT(max.) | 1.5mA / 240VAC | | | |
| PROTECTION | SHORT CIRCUIT | Protection type: Hiccup mode, recovers automatically after fault condition is removed | | | |
| | OVER VOLTAGE | 105 ~ 135% rated output voltage Protection type: Shut down o/p voltage, re-power on to recover | | | |
| | OVER TEMPERATURE | 100°C ±10°C(RTH2) | | | |
| | WORKING TEMP | Protection type: Shut down o/p voltage, re-power on to recover | | | |
| ENVIRONMENT | WORKING TEMP. | -30 ~ +60°C (Refer to "Derating Curve") | | | |
| | WORKING HUMIDITY | 20% ~ 90% RH non-condensing | | | |
| | STORAGE TEMP., HUMIDITY | -40 ~ +85°C, 10 ~ 95% RH | | | |
| | TEMP. COEFFICIENT | ±0.03% /°C (0~40°C) | | | |
| | VIBRATION | 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes | | | |
| SAFETY & EMC (Note. 7) | SAFETY STANDARDS | UL60950-1, TUV EN60950-1, EAC TP TC 004 approved | | | |
| | WITHSTAND VOLTAGE | I/P-0/P: 3KVAC | | | |
| | ISOLATION RESISTANCE EMC EMISSION | I/P-O/P:100M Ohms / 500VDC / 25°C / 70% RH | | | |
| | | Compliance to EN55032 class B, EN61000-3-2,3, FCC PART 15 / CISPR22 class B, CAN ICES-3(B)-NMB-(B), EAC TP TC 020 | | | |
| | EMC IMMUNITY | Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A, EAC TP TC 020 | | | |
| OTHERS | MTBF | 209.4Khrs min. MIL-HDBK-217F(25°C) | | | |
| | DIMENSION | 220*95*46mm (L*W*H) | | | |
| | PACKING PLUG | 1.25Kg; 12pcs/16Kg/1.27CUFT See page 2 | | | |
| | | . 0 | | | |
| NOTE | 1. Modification for charger specification may be required for different battery specification. Please contact battery vendor and MEAN WELL for details. 2. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 3. This is MeanWell's suggested range, please consult your battery manufacturer for their suggestions about maximum charging current limitation. 4. Derating may be needed under low input voltage. Please check the derating curve for more details. 5. Test condition is at 25°C the charging current vary with the ambient and components temperature. The lower temperature, the higher charging current. 6. Maximum charging current will be in the range of 85~110% rated output current. 7. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that whole system complies with the EMC directives. 8. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft) | | | | |



■ Mechanical Specification

Case No. GS280A Unit:mm



■ Plug Assignment

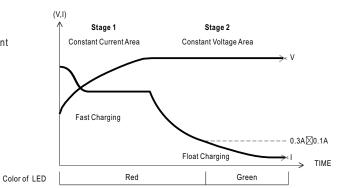
Standard male plug(power supply side): AMP 1-480702-0 equivalent

| C4P | | |
|-------|---------|--------|
| (a) 4 | PIN NO. | OUTPUT |
| 3 | 1,2 | +V |
| 1 | 3,4 | -V |

-V connected to AC FG

Female plug(customer side, not provide with the power supply): AMP 1-480703-0 equivalent

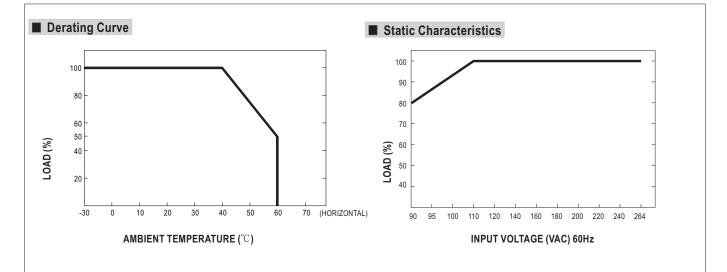
■ Charging Curve



| Model | Suggested Battery capacity |
|----------|----------------------------|
| GC330A36 | 20-65Ah |
| GC330A48 | 20-65Ah |

Suitable for lead-acid batteries (flooded, Gel and AGM) and Li-ion batteries (lithium iron and lithium manganese)





ПОСТАВКА ЭЛЕКТРОННЫХ КОМПОНЕНТОВ

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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