



Внешние подключаемые источники питания серии GC

Технические характеристики



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Green Charger 30~326W Portable Battery Charger



30W Green Adaptor with Charging Function

- Universal AC input / Full range
- Class II power (without earth pin)
- **No load power consumption < 1W**
- Constant current and voltage (CC, CV mode)
- High reliability
- Suitable for high surge current equipment
- Protections: Short circuit / Overload / Over voltage / Over temp.
- 2 color LED indicator for charging status
- Fully enclosed plastic case
- 2 years warranty



AC input voltage range 90~264VAC; 127~370VDC
Overload protection 90%~110% constant current mode and over 300% pulsing mode
Over voltage protection 110%~135% rated output voltage
Withstand voltage I/P-O/P: 3kVAC, 1minute
Working temperature 0~+50°C (refer to output derating curve)
Safety standards UL60950-1, CSA 22.2, TUV EN60950-1 approved
EMC standards EN55014-1, EN61000-3-2,3, EN61000-4-2,3,4,5,6,11
Length of output cable 120cm of UL1185, 16AWG for 4.2~8.4V
180cm of UL1185, 18AWG for 14.3~28.6V
Standard DC plug P1J: 2.1x5.5x11mm / C+, tuning fork type

Order No.	Output	R&N	Effi.
GC30□-0P1J	4.2V, 0~4.00A	50mV	55%
GC30□-1P1J	5.6V, 0~3.99A	50mV	70%
GC30□-11P1J	7.2V, 0~3.00A	80mV	74%
GC30□-2P1J	8.4V, 0~3.00A	80mV	76%
GC30□-4P1J	14.3V, 0~2.09A	100mV	78%
GC30□-5P1J	16.8V, 0~1.60A	100mV	78%
GC30□-6P1J	28.6V, 0~1.04A	150mV	80%

□ = B / U / E ; B: IEC320-C8, U: American 2P, E: European 2P

160W Green Adaptor with Charging Function



- Universal AC input / Full range
- Built-in active PFC function
- **No load power consumption < 1W**
- High efficiency up to 94%
- 2 stage charging characteristic
- Cooling by free air convection
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Fully enclosed plastic case
- 2 color LED indicator for charging status
- 2 years warranty

AC input voltage range 85~264VAC; 120~370VDC
Overload protection 90%~110% constant current, auto-recovery
Over voltage protection 105%~135% rated output voltage, re-power on to recover
Withstand voltage I/P-O/P: 3kVAC
Working temperature -30~+70°C (refer to derating curve)
Safety standards UL1012(GC160Axx-AD1 only), EN60950-1 approved
EMC standards EN55022 class B, FCC part 15 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Length of output cable 120cm of UL2464, 18AWGx 4C
Standard DC plug Power DIN 4P with lock type (R7B)

Model No.	Output	Effi.
GC160A12-□	13.6V, 10.0A	89.0%
GC160A24-□	27.2V, 5.89A	92.5%
GC160A48-□	54.4V, 2.95A	94.0%

□ = R7B / AD1 ; R7B= 4 pin power din, AD1= Anderson connector

218W & 326W Green Adaptor with Charging Function



- Universal AC input / Full range
- Built-in active PFC function
- **No load power consumption < 1W**
- High efficiency up to 93.5%
- 2 stage charging characteristic
- Cooling by free air convection
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Fully enclosed plastic case
- 2 color LED indicator for charging status
- 2 years warranty

	GC220	GC330
Case (mm)	210x85x46	220x95x46
Connector		

AC input voltage range 90~264VAC; 127~370VDC
Overload protection 90%~110% constant current, auto-recovery
Over voltage protection 105%~135% rated output voltage, re-power on to recover
Withstand voltage I/P-O/P: 3kVAC
Working temperature -30~+60°C (refer to output derating curve)
Safety standards GC220: TUV EN60950-1, UL60950-1 (GC220Axx-AD1 only) approved
GC330: TUV EN60950-1, UL60950-1 approved
EMC standards EN55022 class B, FCC part 15 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Length of output cable 100cm of UL2464, 16AWGx 4C
Standard DC plug ... GC220: Power DIN 4P with lock type (R7B)
GC330: 4P/6.35mm pitch, AMP 1-480702-0 (power supply side); AMP 1-480703-0 (customer side)

* GC220 Series

Model No.	Output	Effi.
GC220A12-□	13.6V, 13.5A	89.0%
GC220A24-□	27.2V, 8A	92.5%
GC220A48-□	54.4V, 4A	93.0%

□ = R7B / AD1 ; R7B= 4 pin power din, AD1= Anderson connector

* GC330 Series

Model No.	Output	Effi.
GC330A36-C4P	40.8V, 8A	93.5%
GC330A48-C4P	54.4V, 6A	93.5%

120W Green Adaptor with Charging Function



- Universal AC input / Full range
- Built-in active PFC function
- **No load power consumption < 0.5W**
- High efficiency up to 91%
- 2 stage charging characteristic
- Cooling by free air convection
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Fully enclosed plastic case
- 2 color LED indicator for charging status
- 2 years warranty

AC input voltage range 85~264VAC; 120~370VDC
Overload protection 90~110% constant current, auto-recovery
Over voltage protection 105%~135% shut down O/P voltage, re-power on to recover
Withstand voltage I/P-O/P: 3kVAC
Working temperature -30~+70°C (refer to derating curve)
Safety standards UL1012 (GC120Axx-AD1 only), EN60950-1 approved
EMC standards EN55022 class B, FCC part 15 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Length of output cable 120cm of UL2464, 18AWGx 4C
Standard DC plug Power DIN 4P with lock type (R7B)

Model No.	Output	Effi.
GC120A12-□	13.6V, 7.5A	86.5%
GC120A24-□	27.2V, 4.42A	90.0%
GC120A48-□	54.4V, 2.21A	91.0%

□ = R7B / AD1 ; R7B= 4 pin power din, AD1= Anderson connector

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