

6W Green Adaptor

- Universal AC input / Full range
- No load power consumption < 0.3W
- ErP step 2 / EISA 2007 (Level V)
- 2 pole US / European type plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Fully enclosed plastic case
- Approvals: UL/CUL/CB/FCC/CE for GS06U
TUV/CB/FCC/CE for GS06E
- 2 years warranty



AC input voltage range 90~264VAC ; 127~370VDC
AC inrush current(max.) ... Cold start, 50A at 230VAC
Overload protection Hiccup mode, auto-recovery
Over voltage protection ... Clamp by zener diode >120%
Withstand voltage I/P-O/P: 4242VDC, 1minute
Working temperature 0~+50°C (refer to output derating curve)
Safety standards UL60950-1, CSA 22.2, TUV EN60950-1
EMC standards EN55022, EN61000-3-2,3, EN61000-4-2,3,4,5,6,11, FCC part 15 class B
Length of output cable 180cm of UL1185, 20AWG

Order No.	Output	Tol.	R&N	Effi.
GS06 □ -1P1J	5V, 0~1.00A	±5%	50mV	68%
GS06 □ -11P1J	7.5V, 0~0.80A	±5%	80mV	74%
GS06 □ -2P1J	9V, 0~0.66A	±5%	80mV	75%
GS06 □ -3P1J	12V, 0~0.50A	±3%	100mV	77%
GS06 □ -4P1J	15V, 0~0.40A	±3%	120mV	78%
GS06 □ -5P1J	18V, 0~0.33A	±3%	150mV	78%
GS06 □ -6P1J	24V, 0~0.25A	±2%	180mV	82%
GS06 □ -8P1J	48V, 0~0.125A	±2%	200mV	84%

□ = U/E ; U: American 2P, E: European 2P

12W Green Adaptor

- Universal AC input / Full range
- No load power consumption < 0.3W
- ErP step 2 / EISA 2007 / MEPS (Level V)
- 2 pole US / European type plug
- Class II power (without earth pin)
- Protections: Short circuit / Overload / Over voltage / Over temp.
- Pass LPS
- Fully enclosed plastic case
- Approvals: UL/CUL/BSMI/CB/FCC for GS12U
TUV/CB/CE for GS12E
- 2 years warranty



AC input voltage range 90~264VAC ; 127~370VDC
AC inrush current(max.) ... Cold start, 45A at 230VAC
Overload protection Hiccup mode, auto-recovery
Over voltage protection ... 115%~135% clamp by zener diode
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, BSMI CNS14336, TUV EN60950-1
EMC standards EN55022, EN61204-3, EN61000-3-2,3,
EN61000-4-2,3,4,5,6,8,11, FCC part15 class B

Order No.	Output	Tol.	R&N	Effi.
GS12 □ 05-P11	5V, 0~2.00A	±5%	75mV	76.0%
GS12 □ 07-P11	7.5V, 0~1.60A	±4%	90mV	78.5%
GS12 □ 09-P11	9V, 0~1.33A	±4%	90mV	78.5%
GS12 □ 12-P11	12V, 0~1.00A	±3%	120mV	78.5%
GS12 □ 15-P11	15V, 0~0.80A	±3%	150mV	80.0%
GS12 □ 18-P11	18V, 0~0.67A	±3%	180mV	80.0%
GS12 □ 24-P11	24V, 0~0.50A	±3%	200mV	80.5%

□ = U/E ; U: American 2P, E: European 2P

15W Green Adaptor

- Universal AC input / Full range
- No load power consumption < 0.3W
- ErP step 2 / EISA 2007 (Level V)
- Pass LPS
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- Approvals: UL/CUL/TUV/CB/FCC/CE for GS15A/B
TUV/CB/FCC/CE for GS15E
UL/CUL/CB/FCC/CE for GS15U
- 2 years warranty



AC input voltage range 90~264VAC ; 127~370VDC
AC inrush current(max.) Cold start, 50A at 230VAC
Overload protection Hiccup mode, auto-recovery
Over voltage protection ... Clamp by zener diode > 120%
Withstand voltage I/P-O/P: 3kVAC, I/P-FG: 1.5kVAC, 1 minute
Working temperature 0~+50°C (refer to output derating curve)
Safety standards UL60950-1, CSA 22.2, TUV EN60950-1 approved
EMC standards EN55022-B, EN61000-3-2,3,
EN61000-4-2,3,4,5,6,11, FCC part 15 class B
Length of output cable 180cm of UL1185, 18AWG
Standard DC plug P1J: 2.1øx5.5øx11mm / C+, tuning fork type
(refer to page 62 for DC plug list)

Order No.	Output	Tol.	R&N	Effi.
GS15 □ -1P1J	5.0V, 0~2.40A	±5%	50mV	75%
GS15 □ -11P1J	7.5V, 0~1.60A	±5%	80mV	78%
GS15 □ -2P1J	9.0V, 0~1.66A	±5%	80mV	80%
GS15 □ -3P1J	12V, 0~1.25A	±3%	80mV	80%
GS15 □ -4P1J	15V, 0~1.00A	±3%	100mV	80%
GS15 □ -5P1J	18V, 0~0.83A	±3%	120mV	81%
GS15 □ -6P1J	24V, 0~0.62A	±2%	150mV	83%
GS15 □ -8P1J	48V, 0~0.31A	±2%	240mV	85%

□ = A/B/E/U ; A: IEC320-C14, B: IEC320-C8
E: European 2P, U: American 2P



GS18/25A

93x 54x 36 mm

GS18/25B

79x 54x 33 mm

GS18/25/36U

79x 54x 33 mm

GS18/25/36E

79x 54x 33 mm

Features

- Universal AC input / Full range
- No load power consumption < 0.3W
- ErP step 2 / EISA 2007 / NRCAN / MEPS (Level V)
- 2 pole USA / EURO plug or IEC320-C14/C8
- Class II power (without earth pin) for B/E/U type
Class I power (with earth pin) only for A type
- Protections: Short circuit / Overload / Over voltage
- Fully enclosed plastic case
- LED indicator for power on (except for GS36)
- Pass LPS
- Approvals:
A type: UL / CUL / TUV / BSMI / CCC / PSE / CB / FCC / CE
B type: UL / CUL / TUV / BSMI / CCC / CB / FCC / CE
U type: UL / CUL / BSMI / CB / FCC
E type: TUV / CB / CE
- 2 years warranty

General Specification

Order No.	GS18	GS25	GS36
AC input voltage range	90-264VAC / 0.5A	90-264VAC / 0.7A	
AC inrush current (max.)	Cold start, 45A at 230VAC		Cold start, 60A at 230VAC
Overload protection	Range	105%-150% rated output power	110%-250% rated output power
	Type	Hiccup mode, auto-recovery	
Over voltage protection	105%-135% rated output voltage, clamp by zener diode		
Withstand voltage	I/P-O/P: 4242VDC, 1 minute		
Working temperature	0~+50°C (refer to output derating curve)		-20~+50°C (refer to output derating curve)
Safety standards	A-Type: UL60950-1, CSA 22.2, TUV EN60950-1, BSMI CNS14336, PSE J60950-1(GS18A/GS25A-5V-28V only), CCC GB4943 approved B-Type: UL60950-1, CSA 22.2, TUV EN60950-1, BSMI CNS14336, CCC GB4943 approved U-Type: UL60950-1, CSA22.2, BSMI CNS14336 approved E-Type: TUV EN60950-1 approved		
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11(A/B/E type), FCC part 15 class B(A/B/U type), CNS13438(A/B/U type), GB9254(A/B type)		
Length of output cable	120cm of 16AWG for 5-12V ; 180cm of UL1185, 18AWG for 15-48V		100cm of UL1185, 16AWG
Standard DC plug	P1J: 2.1øx5.5øx11mm / C+, tuning fork type (refer to page 62 for DC plug list)		

Desktop / Wall-mounted — 18W



Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GS18□05-P1J	5V, 0~3.00A	±5%	50mV	79.5%	GS18□24-P1J	24V, 0~0.75A	±2%	180mV	86.0%
GS18□07-P1J	7.5V, 0~2.00A	±5%	80mV	82.0%	GS18□28-P1J	28V, 0~0.64A	±2%	240mV	86.5%
GS18□09-P1J	9V, 0~2.00A	±5%	80mV	83.0%	GS18□48-P1J	48V, 0~0.375A	±2%	240mV	87.0%
GS18□12-P1J	12V, 0~1.50A	±3%	80mV	85.0%					
GS18□15-P1J	15V, 0~1.20A	±3%	100mV	85.0%	□ = A / B / U / E Class I — A: IEC320-C14 Class II — B: IEC320-C8, U: American 2P, E: European 2P				
GS18□18-P1J	18V, 0~1.00A	±3%	150mV	85.0%					

Desktop / Wall-mounted — 25W



Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GS25□05-P1J	5V, 0~4.00A	±5%	50mV	78.5%	GS25□24-P1J	24V, 0~1.04A	±2%	180mV	85.5%
GS25□07-P1J	7.5V, 0~2.93A	±5%	80mV	81.5%	GS25□28-P1J	28V, 0~0.89A	±2%	240mV	85.5%
GS25□09-P1J	9V, 0~2.77A	±5%	80mV	82.5%	GS25□48-P1J	48V, 0~0.52A	±2%	240mV	87.0%
GS25□12-P1J	12V, 0~2.08A	±3%	80mV	84.5%					
GS25□15-P1J	15V, 0~1.66A	±3%	100mV	84.5%	□ = A / B / U / E Class I — A: IEC320-C14 Class II — B: IEC320-C8, U: American 2P, E: European 2P				
GS25□18-P1J	18V, 0~1.38A	±3%	150mV	84.5%					

Wall-mounted — 36W



Order No.	Output	Tol.	R&N	Effi.	Order No.	Output	Tol.	R&N	Effi.
GS36□05-P1J	5V, 0~4.50A	±5%	90mV	76.5%	GS36□24-P1J	24V, 0~1.50A	±2%	180mV	85.5%
GS36□09-P1J	9V, 0~3.50A	±5%	90mV	81.5%	GS36□48-P1J	48V, 0~0.75A	±2%	240mV	87.5%
GS36□12-P1J	12V, 0~3.00A	±3%	100mV	84.5%					
					□ = U / E ; U: American 2P, E: European 2P				



Features

- Universal AC input / Full range
- No load power consumption <0.3W for GS40/60; <0.5W for GS90/120
- ErP step 2 / EISA 2007 / NRCan / MEPS (Level V)
- Built-in active PFC function for GS90/120
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Over voltage / Overload / Over temp. (except for GS40)
- Fully enclosed plastic case
- LED indicator for power on
- Pass LPS (except for GS120)
- 2 years warranty

General Specification



Order No.	GS40	GS60	GS90	GS120
AC input voltage range	90~264VAC / 1.0A	90~264VAC / 1.4A	90~264VAC / 2.0A	85~264VAC / 1.4A
AC inrush current (max.)	Cold start, 65A at 230VAC		Cold start, 70A at 230VAC	
Overload protection	Range	105%-150% rated output power	110%-150%	105%-160%
	Type	Hiccup mode, auto-recovery		
Over voltage protection	105%-135% rated output voltage			
Setup, rise, hold up time	1000ms, 30ms, 50ms at 230VAC input		1000ms, 20ms, 20ms at 230VAC input	
Withstand voltage	I/P-O/P:3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC			I/P-FG: 3kVAC
Working temperature	-30~+60°C		-30~+50°C	
Safety standards	UL60950-1, TUV EN60950-1, BSMI CNS14336, CCC GB4943, PSE J60950-1(except for 48V) approved			
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, CNS13438, GB9254, FCC part15 class B			
Length of output cable	GS40: 100cm of UL1185, 16AWG for 5-15V; 180cm of UL1185, 18AWG for 18-48V GS60: 100cm of UL2464, 16AWG for 5-9V; 100cm of UL1185, 16AWG for 12-15V; 180cm of UL1185, 18AWG for 18-48V		100cm of UL1185, 14AWG for 12-15V; 120cm of UL1185, 16AWG for 19-48V	
Standard DC plug (refer to page 62 for DC plug list)	P1J: 2.1øx5.5øx11mm / C+, tuning fork type		P1M: 2.5øx5.5øx11mm / C+, tuning fork type	
	R7B: Power DIN 4P with lock type P1M: 2.5øx5.5øx11mm/C+, tuning fork type (20-48V only)			

Desktop (IEC 320-C14 / Class I) — 40W

Order No.	Output	Tol.	R&N	Effi.
GS40A05-P1J	5V, 0-5.00A	±5%	100mV	80.5%
GS40A07-P1J	7.5V, 0-5.34A	±5%	100mV	85.5%
GS40A09-P1J	9V, 0-4.45A	±5%	100mV	85.0%
GS40A12-P1J	12V, 0-3.34A	±3%	100mV	89.0%
GS40A15-P1J	15V, 0-2.67A	±3%	100mV	89.5%
GS40A18-P1J	18V, 0-2.22A	±3%	150mV	90.0%
GS40A24-P1J	24V, 0-1.67A	±2.5%	180mV	91.0%
GS40A48-P1J	48V, 0-0.84A	±2.5%	240mV	92.0%

Desktop (IEC 320-C14 / Class I) — 60W

Order No.	Output	Tol.	R&N	Effi.
GS60A05-P1J	5V, 0-6.00A	±5%	100mV	81.0%
GS60A07-P1J	7.5V, 0-6.00A	±5%	100mV	85.5%
GS60A09-P1J	9V, 0-6.00A	±5%	100mV	87.5%
GS60A12-P1J	12V, 0-5.00A	±3%	100mV	88.0%
GS60A15-P1J	15V, 0-4.00A	±3%	100mV	88.5%
GS60A18-P1J	18V, 0-3.33A	±3%	150mV	88.5%
GS60A24-P1J	24V, 0-2.50A	±3%	180mV	90.0%
GS60A48-P1J	48V, 0-1.25A	±2.5%	240mV	92.0%

Desktop (IEC 320-C14 / Class I) — 90W

Order No.	Output	Tol.	R&N	Effi.
GS90A12-P1M	12V, 0-6.67A	±5%	80mV	88.0%
GS90A15-P1M	15V, 0-6.00A	±5%	100mV	89.0%
GS90A19-P1M	19V, 0-4.74A	±4%	150mV	89.0%
GS90A24-P1M	24V, 0-3.75A	±3%	180mV	89.5%
GS90A48-P1M	48V, 0-1.87A	±2%	240mV	91.0%

Desktop (IEC 320-C14 / Class I) — 120W

Order No.	Output	Tol.	R&N	Effi.
GS120A12-R7B	12V, 0-8.5A	±5%	80mV	87.5%
GS120A15-R7B	15V, 0-7.0A	±5%	120mV	89.0%
GS120A20-□	20V, 0-6.0A	±5%	150mV	89.0%
GS120A24-□	24V, 0-5.0A	±3%	180mV	90.0%
GS120A48-□	48V, 0-2.5A	±2%	240mV	91.0%

□= P1M / R7B