



Features

- Universal AC input / Full range
- No load power consumption <0.075W for GST40A/60A; <0.15W for GST90A/120A
- **Energy efficiency Level VI**
- Comply with EISA 2007 / DoE, NRCAN, AU/NZ MEPS, EU ErP and CoC Version 5
- Built-in active PFC function for GST90A/120A
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit / Over voltage / Overload / Over temp. (except for GST40A)
- Fully enclosed plastic case
- LED indicator for power on
- Pass LPS (except for GST90A/120A)
- 3 years warranty

General Specification (Please refer to www.meanwell.com for detail spec.)



Order No.	GST40A	GST60A	GST90A	GST120A
AC input voltage range	90~264VAC; 127~370VDC			85~264VAC; 120~370VDC
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, 50ms, 50ms at 230VAC input		1000ms, 20ms, 20ms at 230VAC input	2000ms, 30ms, 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~+70°C			
Safety standards	UL60950-1, TUV EN60950-1, BSMI CNS14336, CCC GB4943, PSE J60950-1 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	GST40A: 100cm of UL1185, 16AWG for 5~15V; 180cm of UL1185, 18AWG for 18~48V GST60A: 100cm of UL2464, 16AWG for 5~9V; 100cm of UL1185, 16AWG for 12~15V; 150cm of UL1185, 16AWG for 18V; 180cm of UL1185, 18AWG for 24~48V	100cm of UL1185, 14AWG for 12~15V; 120cm of UL1185, 16AWG for 19~48V		100cm of UL2464, 16AWGx4C for 12V 120cm of UL2464, 18AWGx4C for 15~48V
Standard DC plug (refer to page 61 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.
GST40A05-P1J	5V, 0~5.00A	±5%	150mV	84.5%
GST40A07-P1J	7.5V, 0~5.34A	±5%	150mV	87.5%
GST40A09-P1J	9V, 0~4.45A	±5%	150mV	88.5%
GST40A12-P1J	12V, 0~3.34A	±3%	150mV	89.5%
GST40A15-P1J	15V, 0~2.67A	±3%	150mV	90.0%
GST40A18-P1J	18V, 0~2.22A	±3%	150mV	90.0%
GST40A24-P1J	24V, 0~1.67A	±2.5%	180mV	91.0%
GST40A48-P1J	48V, 0~0.84A	±2.5%	240mV	92.0%

Desktop (IEC 320-C14 / Class I) — 60W

Order No.	Output	Tol.	R&N	Effi.
GST60A05-P1J	5V, 0~6.00A	±5%	150mV	85.5%
GST60A07-P1J	7.5V, 0~6.00A	±5%	150mV	88.5%
GST60A09-P1J	9V, 0~6.00A	±5%	150mV	89.0%
GST60A12-P1J	12V, 0~5.00A	±3%	150mV	89.5%
GST60A15-P1J	15V, 0~4.00A	±3%	150mV	89.5%
GST60A18-P1J	18V, 0~3.33A	±3%	150mV	89.5%
GST60A24-P1J	24V, 0~2.50A	±3%	180mV	90.5%
GST60A48-P1J	48V, 0~1.25A	±2.5%	240mV	92.0%

Desktop (IEC 320-C14 / Class I) — 90W

Order No.	Output	Tol.	R&N	Effi.
GST90A12-P1M	12V, 0~6.67A	±5%	120mV	89.0%
GST90A15-P1M	15V, 0~6.00A	±5%	150mV	89.5%
GST90A19-P1M	19V, 0~4.74A	±4%	180mV	90.0%
GST90A24-P1M	24V, 0~3.75A	±3%	200mV	90.0%
GST90A48-P1M	48V, 0~1.87A	±2.5%	240mV	91.0%

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

Order No.	Output	Tol.	R&N	Effi.
GST120A12-R7B	12V, 0~8.5A	±5%	120mV	88.5%
GST120A15-R7B	15V, 0~7.0A	±5%	150mV	89.0%
GST120A20-□	20V, 0~6.0A	±5%	180mV	90.0%
GST120A24-□	24V, 0~5.0A	±3%	200mV	90.5%
GST120A48-□	48V, 0~2.5A	±2.5%	240mV	91.0%

□ = P1M / R7B