



Australian  
Electrical  
Safety  
Approval

**GST18/25A**  
93x54x36mm

**GST18/25/36B**  
79x54x33mm

**GST18/25/36U**  
79x54x33mm

**GST18/25/36E**  
79x54x33mm

## Power Supply Features

- Universal AC input / full range
- No load power consumption <0.075W
- **Energy Efficiency Level VI – Green Power!**
- Complies with EISA 2007/DoE, NRCAN, AU/NZ MEPS, Korea K-MEPS, EU ErP and CoC Version 5
- 2 pole USA/EURO plug or IEC320-C14 / C8
- Class II power (without earth pin) for B/E/U types
- Class I power (with earth pin) only for A type
- Protection: Short circuit / Overload / Over voltage



- Fully enclosed 94V-0 flame retardant plastic case
- LED power on indicator
- UL listed, Limited Power Source (LPS)
- Approvals:  
**A type: UL / TUV / CB / FCC / CE / global certificates**  
**B type: UL / TUV / CB / FCC / CE / global certificates**  
 U type: UL / CUL / BSMI / EAC / CB / FCC  
 E type: TUV / EAC / SIRIM / CB / CE
- **Wide temperature range -30°C to +70°C**
- **3 year warranty**



## General Specifications (Refer to [www.procontechology.com.au](http://www.procontechology.com.au) for detailed specs)



Order No.	GST18	GST25	GST36
AC input voltage range	85~264VAC		
AC inrush current (max)	Cold start, 70A at 230VAC		
Overload protection	110~150% rated o/p voltage, hiccup, auto-recovery		
Over voltage protection	110~140% rated o/p voltage, clamp by zener diode		
Withstand voltage	I/P-O/P: 4242VDC, I/P-FG: 2121VDC(A type only)		
Working temperature	-30°C ~ +70°C (refer to output derating curve)		
Safety standards	A type: UL62368-1, CSA22.2, TUV BS EN/EN62368-1, BSMI CNS14336, PSE J62368-1, AS/NZS60950.1 approved + others B type: UL62368-1, CSA22.2, TUV BS EN/EN62368-1, BSMI CNS14336, PSE J62368-1, AS/NZS60950.1 approved + others U type: UL62368-1, CSA22.2, BSMI CNS14336, EAC TP TC004 approved E type: TUV BS EN/EN62368-1, EAC TP TC004 approved		
EMC standards	BS EN/EN55032 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 class B (A/B/U type), GB9254 (A/B type), EAC TP TC 020		
Length of output cable	120cm of UL1185, 16AWG for 5~12V; 180cm of UL1185, 18AWG for 15~48V	100cm of UL1185, 16AWG for 5~12V; 180cm of UL1185, 18AWG for 15~48V	100cm of UL1185, 16AWG
Standard DC plug	P1J: 2.1øx5.5øx11mm/C+(centre positive), tuning fork type (other plugs available to special order, refer to DC plug list)		
Weight	0.21kg (A type) / 0.20kg (B/E/U type)		



### Energy Saving —

We care about saving energy. This logo indicates that these models have "low no-load power consumption"

## Desktop / Wall-mounted – 18W

Order No.	Output	Tol.	R&N	Eff.	Order No.	Output	Tol.	R&N	Eff.
GST18□05-P1J	5V, 0~3.00A	±5%	80mV	81.0%	GST18□24-P1J	24V, 0~0.75A	±2%	150mV	88.0%
GST18□07-P1J	7.5V, 0~2.00A	±5%	80mV	85.0%	GST18□28-P1J	28V, 0~0.64A	±2%	150mV	88.5%
GST18□09-P1J	9V, 0~2.00A	±5%	80mV	85.0%	GST18□48-P1J	48V, 0~0.375A	±2%	150mV	89.0%
GST18□12-P1J	12V, 0~1.50A	±3%	80mV	86.0%	□ = A / B / U / E				
GST18□15-P1J	15V, 0~1.20A	±3%	100mV	87.0%	Class I — A: IEC320-C14				
GST18□18-P1J	18V, 0~1.00A	±3%	150mV	88.0%	Class II — B: IEC320-C8, U: American 2P, E: European 2P				

## Desktop / Wall-mounted – 25W

Order No.	Output	Tol.	R&N	Eff.	Order No.	Output	Tol.	R&N	Eff.
GST25□05-P1J	5V, 0~4.00A	±5%	80mV	81.5%	GST25□24-P1J	24V, 0~1.04A	±2%	150mV	88.0%
GST25□07-P1J	7.5V, 0~2.93A	±5%	80mV	84.5%	GST25□28-P1J	28V, 0~0.89A	±2%	150mV	88.0%
GST25□09-P1J	9V, 0~2.55A	±5%	80mV	85.0%	GST25□48-P1J	48V, 0~0.52A	±2%	150mV	89.0%
GST25□12-P1J	12V, 0~2.08A	±3%	80mV	86.5%	□ = A / B / U / E				
GST25□15-P1J	15V, 0~1.66A	±3%	100mV	87.0%	Class I — A: IEC320-C14				
GST25□18-P1J	18V, 0~1.38A	±3%	100mV	87.0%	Class II — B: IEC320-C8, U: American 2P, E: European 2P				

## Desktop / Wall-mounted – 36W

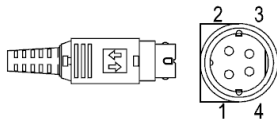
Order No.	Output	Tol.	R&N	Eff.	Order No.	Output	Tol.	R&N	Eff.
GST36□05-P1J	5V, 0~4.30A	±5%	90mV	82.0%	GST36□24-P1J	24V, 0~1.50A	±2%	150mV	88.5%
GST36□09-P1J	9V, 0~3.11A	±5%	90mV	86.0%	GST36□48-P1J	48V, 0~0.75A	±2%	200mV	90.0%
GST36□12-P1J	12V, 0~3.00A	±3%	100mV	87.5%	□ = B / U / E; B: IEC320-C8, U: American 2P, E: European 2P				



## Power Supply Features

- Universal AC input / full range
- No load power consumption <0.075W for GST40/60; <0.15W for GST90/120
- **Energy efficiency Level VI – Green Power!**
- Complies with EISA 2007/DoE, NRCAN, AU/NZ MEPS, K-MEPS, EU ErP and CoC Version 5
- Built-in active PFC for GST90A/GST120A
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- **Fanless design, high operating temperature 70°C**
- Protection: Short circuit / Over voltage / Overload / Over temp. (except for GST40)
- Fully enclosed 94V-0 flame retardant plastic case
- LED indicator for power on
- UL listed, LPS (GST40A/60A only)
- **3 year warranty**

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**R7B – DIN 4 pin with lock**  
Pins 1, 4 = +Vout  
Pins 2, 3 = -Vout



## General Specifications

Order No.	GST40A	GST60A	GST90A	GST120A
<b>AC input voltage range</b>	90~264VAC; 127~370VDC			85~264VAC; 120~370VDC
<b>AC inrush current (max)</b>	Cold start, 65A at 230VAC		Cold start, 70A at 230VAC	
<b>Overload protection</b>	<b>Range</b>	105~150% rated output power	110~150%	105~160%
	<b>Type</b>	Hiccup mode, auto-recovery		
<b>Over voltage protection</b>	105~135% rated output voltage, shut down o/p voltage, re-power on to recover			
<b>Withstand voltage</b>	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC			I/P-FG: 3kVAC (-VDC earthed)
<b>Working temperature</b>	-30°C ~ +70°C (refer to output derating curve)			
<b>Safety standards</b>	UL62368-1, CSA22.2, TUV BS EN/EN62368-1, BSMI CNS14336, PSE J62368-1, AS/NZS60950.1 approved + others			
<b>EMC standards</b>	BS EN/EN55032 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, CNS13438, GB9254, FCC part 15 class B			
<b>Length of output cable</b>	<b>GST40:</b> 100cm of UL1185, 16AWG for 5~15V 180cm of UL1185, 18AWG for 18~48V	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
	<b>GST60:</b> 100cm of UL2464, 16AWG for 5~9V 100cm of UL1185, 16AWG for 12~15V 180cm of UL1185, 18AWG for 18~48V			
<b>Standard DC plug (also refer to DC plug list)</b>	P1J: 2.1øx5.5øx11mm/C+ (centre positive), tuning fork type		P1M: 2.5øx5.5øx11mm/C+ (centre positive), tuning fork type R7B: Power DIN 4 pole with lock P1M: 2.5øx5.5øx11mm/C+, tuning fork type (20~48V only)	
<b>Weight</b>	0.28kg	0.31kg	0.45kg	0.62kg

## Desktop (IEC 320-C14/Class I) – 40W

Order No.	Output	Tol.	R&N	Eff.
GST40A05-P1J	5V, 0~5.00A	±5%	120mV	84.5%
GST40A07-P1J	7.5V, 0~5.34A	±5%	120mV	87.5%
GST40A09-P1J	9V, 0~4.45A	±5%	120mV	88.5%
GST40A12-P1J	12V, 0~3.34A	±3%	120mV	89.5%
GST40A15-P1J	15V, 0~2.67A	±3%	120mV	90.0%
GST40A18-P1J	18V, 0~2.22A	±3%	120mV	90.0%
GST40A24-P1J	24V, 0~1.67A	±2.5%	150mV	91.0%
GST40A48-P1J	48V, 0~0.84A	±2.5%	200mV	92.0%

## Desktop (IEC 320-C14/Class I) – 60W

Order No.	Output	Tol.	R&N	Eff.
GST60A05-P1J	5V, 0~6.00A	±5%	120mV	85.5%
GST60A07-P1J	7.5V, 0~6.00A	±5%	120mV	88.5%
GST60A09-P1J	9V, 0~6.00A	±5%	120mV	89.0%
GST60A12-P1J	12V, 0~5.00A	±3%	120mV	89.5%
GST60A15-P1J	15V, 0~4.00A	±3%	120mV	89.5%
GST60A18-P1J	18V, 0~3.33A	±3%	150mV	89.5%
GST60A24-P1J	24V, 0~2.50A	±3%	150mV	90.5%
GST60A48-P1J	48V, 0~1.25A	±2.5%	200mV	92.0%
GST60A54-P1J	54V, 0~1.10A	±2.5%	200mV	92.0%

## Desktop (IEC 320-C14/Class I) – 90W

Order No.	Output	Tol.	R&N	Eff.
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%	200mV	91.0%

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

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

\*GST60A54-P1J can be used for PoE (Power Over Ethernet)

□ = P1M / R7B

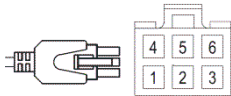
\*GST60A54-P1J special order item (in stock)



## Power Supply Features

- Universal AC input / Full range
- No load power consumption <0.15W (GST280, GST360 <0.5W)
- **Energy efficiency Level VI – Green Power!**
- Complies with EISA 2007/DoE, NRCAN, AU/NZ MEPS, K-MEPS, EU ErP and CoC Version 5
- Built-in active PFC (Power Factor Correction)
- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- **Fanless design, high operating temperature 70°C**
- Protection: Short circuit / Overload / Over voltage / Over temperature
- Fully enclosed 94V-0 flame retardant plastic case
- LED indicator for power on
- **3 year warranty**

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**C6P – MOLEX 39-01-2060**  
Pins 1, 2, 3 = +Vout  
Pins 4, 5, 6 = -Vout



**C8P – 12V, 15V 360W**  
MOLEX 39-01-2080



## General Specifications

Order No.	GST160A	GST220A	GST280A	GST360A
AC input voltage range	85~264VAC; 120~370VDC			
AC inrush current (max)	Cold start, 120A at 230VAC			
Overload protection	Range	105~150% rated output power	105~135% rated output power	135~155% rated output power
	Type	Hiccup mode, auto-recovery		
Over voltage protection	Range	105~135% rated output power		
	Type	Shut down o/p voltage, re-power on to recover		
Withstand voltage	I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: short (-VDC earthed)			
Working temperature	-30°C ~ +70°C (refer to output rating)			
Safety standards	UL62368-1, TUV EN62368-1, BSMI CNS14336, PSE J62368-1, AS/NZS60950.1 approved + others; AS/NZS62368.1 (360W)			
EMC standards	BS EN/EN55032 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, FCC part 15 class B, CNS13438, GB9254, GB17625.1			
Length of output cable	100cm of UL2464, 18AWGx4C - 12V 120cm of UL2464, 18AWGx4C - 15~48V	100cm of UL2464, 16AWGx4C		100cm of 16AWGx6C-12~15V 100cm of 16AWGx4C-24~55V
Standard DC plug (also refer to DC plug list)	R7B: Power DIN 4 pole with lock		6P/ 4.2mm pitch Molex	8P/ 4.2mm pitch 12~15V 6P/ 4.2mm pitch 24~55V
Weight	0.66kg	1.1kg	1.25kg	1.4kg

## Desktop (IEC320-C14/Class I) – 160W

Order No.	Output	Tol.	R&N	Eff.
GST160A12-R7B	12V, 0~11.5A	±5%	80mV	90.0%
GST160A15-R7B	15V, 0~9.6A	±5%	100mV	91.0%
GST160A20-R7B	20V, 0~8.0A	±4%	120mV	93.0%
GST160A24-R7B	24V, 0~6.67A	±3%	150mV	93.0%
GST160A36-R7B	36V, 0~4.44A	±3%	150mV	92.0%
GST160A48-R7B	48V, 0~3.34A	±3%	200mV	94.0%

## Desktop (IEC320-C14/Class I) – 280W

Order No.	Output	Tol.	R&N	Eff.
GST280A12-C6P	12V, 0~21A	±5%	120mV	89.5%
GST280A15-C6P	15V, 0~17A	±5%	120mV	90.0%
GST280A20-C6P	20V, 0~13A	±4%	150mV	92.0%
GST280A24-C6P	24V, 0~11.67A	±3%	200mV	93.0%
GST280A48-C6P	48V, 0~5.84A	±2%	200mV	94.0%

## Desktop (IEC320-C14/Class I) – 220W

Order No.	Output	Tol.	R&N	Eff.
GST220A12-R7B	12V, 0~15.0A	±5%	80mV	90.0%
GST220A15-R7B	15V, 0~13.4A	±5%	100mV	90.0%
GST220A20-R7B	20V, 0~11.0A	±4%	120mV	92.0%
GST220A24-R7B	24V, 0~9.20A	±3%	150mV	93.5%
GST220A36-R7B	36V, 0~6.10A	±2%	200mV	93.0%
GST220A48-R7B	48V, 0~4.60A	±2%	200mV	94.5%

## Desktop (IEC320-C14/Class I) – 360W

Order No.	Output	Tol.	R&N	Eff.
GST360A12-C8P	12V, 0~27.5A	±5%	120mV	91.0%
GST360A15-C8P	15V, 0~22.7A	±5%	120mV	92.0%
GST360A24-C6P	24V, 0~15.0A	±3%	200mV	93.0%
GST360A36-C6P	36V, 0~10.0A	±2%	200mV	94.0%
GST360A48-C6P	48V, 0~7.50A	±2%	200mV	95.0%
GST360A55-C6P	55V, 0~6.55A	±2%	200mV	95.0%

\*GST360A55-C6P can be used for PoE (Power Over Ethernet)

Class I - A: IEC320-C14; Class II - B: IEC320-C18