



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.procontech.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

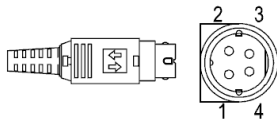
| Order No. | Output | Tol. | R&N | Eff. | Order No. | Output | Tol. | R&N | Eff. |
|--------------|--------------|------|-------|-------|---|--------------|------|-------|-------|
| GST36□05-P1J | 5V, 0~4.30A | ±5% | 90mV | 82.0% | GST36□24-P1J | 24V, 0~1.50A | ±2% | 150mV | 88.5% |
| GST36□09-P1J | 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**

Australian Electrical Safety Approval



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



General Specifications

| 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, shut down o/p voltage, re-power on to recover | | | |
| Withstand voltage | I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC | | | I/P-FG: 3kVAC (-VDC earthed) |
| Working temperature | -30°C ~ +70°C (refer to output derating curve) | | | |
| Safety standards | UL62368-1, CSA22.2, TUV BS EN/EN62368-1, BSMI CNS14336, PSE J62368-1, AS/NZS60950.1 approved + others | | | |
| EMC standards | 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 | | | |
| Length of output cable | GST40: 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 |
| | GST60: 100cm of UL2464, 16AWG for 5~9V 100cm of UL1185, 16AWG for 12~15V 180cm of UL1185, 18AWG for 18~48V | | | |
| Standard DC plug (also refer to DC plug list) | 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) | |
| Weight | 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)

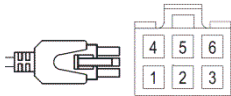
□ = P1M / R7B

*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, C18 (360W)
- Class I power (with earth pin), Class II (360W)
- **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**



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 | GST360B |
|---|---|---|-----------------------------|--|
| 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) | | | I/P-O/P: 3kVAC |
| 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/NZS61558-1/2-16 (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-C18/Class I) – 360W

| Order No. | Output | Tol. | R&N | Eff. |
|---------------|--------------|------|-------|-------|
| GST360B12-C8P | 12V, 0~27.5A | ±5% | 120mV | 91.0% |
| GST360B15-C8P | 15V, 0~22.7A | ±5% | 120mV | 92.0% |
| GST360B24-C6P | 24V, 0~15.0A | ±3% | 200mV | 93.0% |
| GST360B36-C6P | 36V, 0~10.0A | ±2% | 200mV | 94.0% |
| GST360B48-C6P | 48V, 0~7.50A | ±2% | 200mV | 95.0% |
| GST360B55-C6P | 55V, 0~6.55A | ±2% | 200mV | 95.0% |

*GST360B55-C6P can be used for PoE (Power Over Ethernet)

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