

COTEK 25W Single Output Power Supply - GE series

Features:

- Green design, No-load power consumption < 0.5W
- Universal AC input / Full range
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- 100% full load burn-in test
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



	Model No.	GE25-3-3	GE-25-05	GE-25-12	GE-25-15	GE-25-24	GE-25-48
Output	DC Voltage Range	3.3V	5V	12V	15V	24V	48V
	Rated Current	6A	5A	2.1A	1.7A	1.1A	0.57A
	Current Range	0~6A	0~5A	0~2.1A	0~1.7A	0~1.1A	0~0.57A
	Rated Power	19.8W	25W	25.2W	25.5W	26.4W	27.3W
	Ripple & Noise (max.)	80 mV	80 mV	120 mV	120 mV	120 mV	200 mV
	Voltage Adjustment Range	±10%					
	Voltage Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%					
	Load Regulation	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	Setup, Rise Time	800 ms, 50 ms/230VAC		1000 ms, 65ms/115 VAC at full load			
Hold Time	80ms / 230 VAC		10 ms / 115VAC at full load				
Input	Voltage Range	88V ~ 264VAC					125 ~ 373VDC (Over 280VAC protections)
	Frequency Range	47Hz ~ 63Hz					
	Efficiency (Typ.) at 230Vac	74%	83%	85%	86%	87%	88%
	AC Current (Typ.)	0.7A / 115VAC		0.35A / 230VAC			
	Inrush Current (Typ.)	Cold Start 30A / 230VAC					
	Leakage Current	< 2 mA / 240VAC					
Protection	Over Load	110~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage	115%~140% rated output voltage Protection type : latch-off mode					
Environment	Working Temp.	- 20°C ~ 70°C (Refer to output load de-rating curve)					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp., Humidity	- 40 ~ +85°C					
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)					
Safety & EMC	Vibration	10 ~ 500Hz, 5G 10min/1cycle, period for 60 min each along X, Y, Z axes					
	Safety Standards	UL60950-1 / TUV EN60950-1 Approved					
	Green Energy	ENERGY STAR® Single Voltage External/AC - DC and AC - AC Power Supplies Eligibility Criteria (Version 1.1)					
	Withstand Voltage	I/P - O/P:3KVAC I/P - FG:1.5KVAC O/P-FG:0.5KVAC, 1 minute					
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG:100M Ohms/500VDC					
	EMI Conduction & Radiation	EN55022 : 1998+A1 : 2000+A2 : 2003 Class B					
	Harmonic Current	EN61000-3-2 :2000+A2:2005 Class A, EN61000-3-3 : 1995+A1 :2001					
Others	EMS Immunity	EN61204-3 : 2000 EN50204 1998+A1 : 2001+A2 : 2003 light industry level, criteria A					
	MTBF	620.3K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)(mm)	79*51*28					
	Packing	0.18kg : 60Pcs/13kg					

*Note:The specifications are subject to change without ontice.

COTEK 35W Single Output Power Supply - GE series

Features:

- Green design, No-load power consumption < 0.5W
- Universal AC input / Full range
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70° C
- 100% full load burn-in test
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



Model No.	GE-35-3-3	GE-35-05	GE-35-12	GE-35-15	GE-35-24	GE-35-48	
Output	DC Voltage Range	3.3V	5V	12V	15V	24V	48V
	Rated Current	7A	7A	3A	2.4A	1.5A	0.8A
	Current Range	0~7A	0~7A	0~3A	0~2.4A	0~1.5A	0~0.8A
	Rated Power	23.1W	35W	36W	36W	36W	38.4W
	Ripple & Noise (max.)	80 mV	80 mV	120 mV	120 mV	120 mV	200 mV
	Voltage Adjustment Range	±10%					
	Voltage Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%					
	Load Regulation	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	Setup, Rise Time	800 ms, 50 ms/230VAC		1000 ms, 65ms/115 VAC at full load			
Hold Time	80ms / 230 VAC		10 ms / 115VAC at full load				
Input	Voltage Range	88V ~ 264VAC 125 ~ 373VDC (Over 280VAC protections)					
	Frequency Range	47Hz ~ 63Hz					
	Efficiency (Typ.) at 230Vac	79%	84%	89%	89%	88%	90%
	AC Current (Typ.)	0.8A / 115VAC		0.4A / 230VAC			
	Inrush Current (Typ.)	Cold Start 32A / 230VAC					
	Leakage Current	< 2 mA / 240VAC					
Protection	Over Load	110 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage	115%~140% rated output voltage Protection type : latch-off mode					
Environment	Working Temp.	- 20°C ~ 70°C (Refer to output load de-rating curve)					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp., Humidity	- 40 ~ +85°C					
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)					
Safety & EMC	Vibration	10 ~ 500Hz, 5G 10min/1cycle, period for 60 min each along X, Y, Z axes					
	Safety Standards	UL60950-1 / TUV EN60950-1 Approved					
	Green Energy	ENERGY STAR® Single Voltage External/AC - DC and AC - AC Power Supplies Eligibility Criteria (Version 1.1)					
	Withstand Voltage	I/P - O/P:3KVAC I/P - FG:1.5KVAC O/P-FG:0.5KVAC, 1 minute					
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG:100M Ohms/500VDC					
	EMI Conduction & Radiation	EN55022 : 1998+A1 : 2000+A2 : 2003 Class B					
	Harmonic Current	EN61000-3-2 :2000+A2:2005 Class A, EN61000-3-3 : 1995+A1 :2001					
Others	EMS Immunity	EN61204-3 : 2000 EN50204 1998+A1 : 2001+A2 : 2003 light industry level, criteria A					
	MTBF	468.7K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)(mm)	99*82*35					
	Packing	0.28kg : 45Pcs/14kg					

*Note:The specifications are subject to change without ontice.

COTEK 50W Single Output Power Supply - GE series

Features:

- Green design, No-load power consumption < 0.5W
- Universal AC input / Full range
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70 °C
- 100% full load burn-in test
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



	Model No.	GE-50-3-3	GE-50-05	GE-50-12	GE-50-15	GE-50-24	GE-50-48
Output	DC Voltage Range	3.3V	5V	12V	15V	24V	48V
	Rated Current	10A	10A	4.2A	3.4A	2.2A	1.1A
	Current Range	0~10A	0~10A	0~4.2A	0~3.4A	0~2.2A	0~1.1A
	Rated Power	33W	50W	50.4W	51W	52.8W	52.8W
	Ripple & Noise (max.)	80 mW	80 mV	120 mV	120 mV	120 mV	200 mV
	Voltage Adjustment Range	±10%					
	Voltage Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%					
	Load Regulation	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	Setup, Rise Time	800ms, 50ms/230VAC			1000ms, 65ms/115 VAC at full load		
Hold Time	50ms / 230 VAC			10ms / 115VAC at full load			
Input	Voltage Range	88V ~ 264VAC 125 ~ 373VDC (Over 280VAC protections)					
	Frequency Range	47Hz ~ 63Hz					
	Efficiency (Typ.) at 230Vac	78%	83%	88%	89%	90%	90%
	AC Current (Typ.)	1.3A / 115VAC	0.65A / 230VAC				
	Inrush Current (Typ.)	Cold Start 36A / 230VAC					
	Leakage Current	< 2 mA / 240VAC					
Protection	Over Load	110 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage	115%~140% rated output voltage Protection type : latch-off mode					
Environment	Working Temp.	-20°C ~ 70°C (Refer to output load de-rating curve)					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp., Humidity	-40 ~ +85°C					
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)					
Safety & EMC	Vibration	10 ~ 500Hz, 5G 10min/1cycle, period for 60 min each along X, Y, Z axes					
	Safety Standards	UL60950-1 / TUV EN60950-1 Approved					
	Green Energy	ENERGY STAR® Single Voltage External/AC - DC and AC - AC Power Supplies Eligibility Criteria (Version 1.1)					
	Withstand Voltage	I/P - O/P:3KVAC I/P - FG:1.5KVAC O/P-FG:0.5KVAC, 1 minute					
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG:100M Ohms/500VDC					
	EMI Conduction & Radiation	EN55022 : 1998+A1 : 2000+A2 : 2003 Class B					
	Harmonic Current	EN61000-3-2 :2000+A2:2005 Class A, EN61000-3-3 : 1995+A1 :2001					
Others	EMS Immunity	EN61204-3 : 2000 EN50204 1998+A1 : 2001+A2 : 2003 light industry level, criteria A					
	MTBF	420.4K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)(mm)	99*82*35					
	Packing	0.28kg : 45Pcs/14kg					

*Note:The specifications are subject to change without ontice.

COTEK 75W Single Output Power Supply - GE series

Features:

- Green design, No-load power consumption < 0.5W
- Universal AC input / Full range
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70 °C
- 100% full load burn-in test
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



	Model No.	GE-75-3-3	GE-75-05	GE-75-12	GE-75-15	GE-75-24	GE-75-48
Output	DC Voltage Range	3.3V	5V	12V	15V	24V	48V
	Rated Current	15A	15A	6.25A	5A	3.2A	1.6A
	Current Range	0~15A	0 ~ 15A	0 ~ 6.25A	0 ~5A	0 ~3.2A	0 ~ 1.6A
	Rated Power	49.5W	75W	75W	75W	76.8W	76.8W
	Ripple & Noise (max.)	80 mW	80 mV	120 mV	120 mV	120 mV	200 mV
	Voltage Adjustment Range	±10%					
	Voltage Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%					
	Load Regulation	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	Setup, Rise Time	800ms, 50ms/230VAC		1000ms, 65ms/115 VAC at full load			
Hold Time	80ms / 230 VAC		10ms / 115VAC at full load				
Input	Voltage Range	88V ~ 264VAC					125 ~ 373VDC (Over 280VAC protections)
	Frequency Range	47Hz ~ 63Hz					
	Efficiency (Typ.) at 230Vac	73%	81%	87%	87%	88%	90%
	AC Current (Typ.)	2A / 115VAC		1A / 230VAC			
	Inrush Current (Typ.)	Cold Start 40A / 230VAC					
	Leakage Current	< 2 mA / 240VAC					
Protection	Over Load	110 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage	115%~140% rated output voltage Protection type : latch-off mode					
Environment	Working Temp.	- 20°C ~ 70°C (Refer to output load de-rating curve)					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp., Humidity	- 40 ~ +85°C					
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)					
Safety & EMC	Vibration	10 ~ 500Hz, 5G 10min/1cycle, period for 60 min each along X, Y, Z axes					
	Safety Standards	UL60950-1 / TUV EN60950-1					
	Green Energy	ENERGY STAR® Single Voltage External AC - DC and AC - AC Power Supplies Eligibility Criteria (Version 1.1)					
	Withstand Voltage	I/P - O/P:3KVAC I/P - FG:1.5KVAC O/P-FG:0.5KVAC, 1 minute					
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG:100M Ohms/500VDC					
	EMI Conduction & Radiation	EN55022 : 1998+A1 : 2000+A2 : 2003 Class B					
	Harmonic Current	EN61000-3-2 :2000+A2:2005 Class A, EN61000-3-3 : 1995+A1 :2001					
Others	EMS Immunity	EN61204-3 : 2000 EN50204 1998+A1 : 2001+A2 : 2003 light industry level, criteria A					
	MTBF	620.3K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)(mm)	129*98*38					
	Packing	0.45kg : 30Pcs/15kg					

*Note:The specifications are subject to change without ontice.

COTEK 100W Single Output Power Supply - GE series

Features:

- Green design, No-load power consumption < 0.5W
- Universal AC input / Full range
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- 100% full load burn-in test
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



Model No.	GE-100-3-3	GE-100-05	GE-100-12	GE-100-15	GE-100-24	GE-100-48	
Output	DC Voltage Range	3.3V	5V	12V	15V	24V	48V
	Rated Current	20A	16A	8.5A	7A	4.5A	2.3A
	Current Range	0~ 20A	0 ~ 16A	0 ~ .85A	0 ~7A	0 ~4.5A	0 ~ 2.3A
	Rated Power	66W	80W	102W	105W	108W	110W
	Ripple & Noise (max.)	80 mW	80 mV	120 mV	120 mV	120 mV	200 mV
	Voltage Adjustment Range	±10%					
	Voltage Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%					
	Load Regulation	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	Setup, Rise Time	800 ms, 50 ms/230VAC		1000 ms, 65ms/115 VAC at full load			
Hold Time	80ms / 230 VAC		10 ms / 115VAC at full load				
Input	Voltage Range	88V ~ 264VAC 125 ~ 373VDC (Over 280VAC protections)					
	Frequency Range	47Hz ~ 63Hz					
	Efficiency (Typ.) at 230Vac	70%	80%	86%	88%	88%	89%
	AC Current (Typ.)	2.5 A / 115VAC		1.4A / 230VAC			
	Inrush Current (Typ.)	Cold Start 40A / 230VAC					
	Leakage Current	< 2 mA / 240VAC					
Protection	Over Load	110 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage	115%~140% rated output voltage Protection type : latch-off mode					
Environment	Working Temp.	- 20°C ~ 70°C (Refer to output load de-rating curve)					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp., Humidity	- 40 ~ +85°C					
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)					
Safety & EMC	Vibration	10 ~ 500Hz, 5G 10min/1cycle, period for 60 min each along X, Y, Z axes					
	Safety Standards	UL60950-1 / TUV EN60950-1					
	Green Energy	ENERGY STAR® Single Voltage External AC - DC and AC - AC Power Supplies Eligibility Criteria (Version 1.1)					
	Withstand Voltage	I/P - O/P:3KVAC I/P - FG:1.5KVAC O/P-FG:0.5KVAC, 1 minute					
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG:100M Ohms/500VDC					
	EMI Conduction & Radiation	EN55022 : 1998+A1 : 2000+A2 : 2003 Class B					
	Harmonic Current	EN61000-3-2 :2000+A2:2005 Class A, EN61000-3-3 : 1995+A1 :2001					
Others	EMS Immunity	EN61204-3 : 2000 EN50204 1998+A1 : 2001+A2 : 2003 light industry level, criteria A					
	MTBF	620.3K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)(mm)	129*98*38					
	Packing	0.45kg : 30Pcs/15kg					

*Note:The specifications are subject to change without ontice.

COTEK 150W Single Output Power Supply - GE series

Features:

- Green design, No-load power consumption < 0.5W
- Universal AC input / Full range
- Protections: Short circuit / Over load / Over voltage
Brown-out (Low AC Input voltage)
- Cooling by free air convection
- Power ON with LED indicator
- All using 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- 100% full load burn-in test
- Withstand 5G vibration test
- High efficiency , long life and high reliability
- 3 years warranty



	Model No.	GE-150-3-3	GE-150-05	GE-150-12	GE-150-15	GE-150-24	GE-150-48
Output	DC Voltage Range	3.3V	5V	12V	15V	24V	48V
	Rated Current	30A	26A	12.5A	10A	6.5A	3.3A
	Current Range	0~ 30A	0 ~ 26A	0 ~12.5A	0 ~10A	0 ~6.5A	0 ~ 3.3A
	Rated Power	99W	130W	150W	150W	156W	158.4W
	Ripple & Noise (max.)	80 mW	80 mV	120 mV	120 mV	120 mV	200 mV
	Voltage Adjustment Range	±10%					
	Voltage Tolerance	±3%	±2%	±1%	±1%	±1%	±1%
	Line Regulation	±0.5%					
	Load Regulation	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
	Setup, Rise Time	800ms, 50 ms/230VAC		1000ms, 65ms/115 VAC at full load			
Hold Time	30ms / 230 VAC		20ms / 115VAC at full load				
Input	Voltage Range	88 ~ 132VAC / 176 ~ 264VAC selected by switch 248 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)					
	Frequency Range	47Hz ~ 63Hz					
	Efficiency (Typ.) at 230Vac	70%	83%	85%	87%	87%	89%
	AC Current (Typ.)	3 A / 115VAC		1.3A / 230VAC			
	Inrush Current (Typ.)	Cold Start 40A / 230VAC					
	Leakage Current	< 2 mA / 240VAC					
Protection	Over Load	110 ~ 180% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
	Over Voltage	115%~140% rated output voltage Protection type : latch-off mode					
Environment	Working Temp.	- 20°C ~ 70°C (Refer to output load de-rating curve)					
	Working Humidity	20 ~ 90% RH non-condensing					
	Storage Temp., Humidity	- 40 ~ +85°C					
	Temp.Coefficient	±0.03%/°C (0 ~ 50°C)					
	Vibration	10 ~ 500Hz, 5G 10min/1cycle, period for 60 min each along X,Y,Z axes					
Safety & EMC	Safety Standards	UL60950-1 / TUV EN60950-1 pending					
	Green Energy	ENERGY STAR® Single Voltage External AC - DC and AC - AC Power Supplies Eligibility Criteria (Version 1.1)					
	Withstand Voltage	I/P - O/P:3KVAC I/P - FG:1.5KVAC O/P-FG:0.5KVAC, 1 minute					
	Isolation Resistance	I/P - O/P, I/P - FG, O/P - FG:100M Ohms/500VDC					
	EMI Conduction & Radiation	MEET EN55022 : 1998+A1 : 2000+A2 : 2003 Class B					
	Harmonic Current	MEET EN61000-3-2 :2000+A2:2005 Class A, EN61000-3-3 : 1995+A1 :2001					
	EMS Immunity	MEET EN61204-3 : 2000 EN50204 1998+A1 : 2001+A2 : 2003 light industry level, criteria A					
Others	MTBF	620.3K HRS Compliance: MIL-HDBK-217F					
	Dimension (L*W*H)(mm)	179*98*38					
	Packing	0.56kg :20Pcs/13kg					

*Note:The specifications are subject to change without ontice.