



























Features

- 2 pole AC inlet IEC320-C8, Class II power unit
- · Medical safety approved (2 x MOPP) according to ANSI/AAMI ES60601-1/-1-11 and IEC/BS EN/EN60601-1/-1-11
- · Extremely low leakage current
- No load power consumption<0.1W
- Energy efficiency level VI and meet CoC Version 5 (Except 5~9V for Level V)
- -30~+70°C wide range working temperature
- Protections: Short circuit / Overload / Over voltage / Over temperature
- · LED indicator for power on
- · Lifetime > 95 K hours
- Various DC plug quick adapter accessory available (Plug kit sold sperately,please refer to : https://www.meanwell.com/upload/pdf/DC_plug.pdf)
- 3 years warranty

Applications

- · Mobile clinical workstation
- Oral irrigator
- Portable hemodialysis machine
- Breath Machine
- Medical computer monitor

GTIN CODE

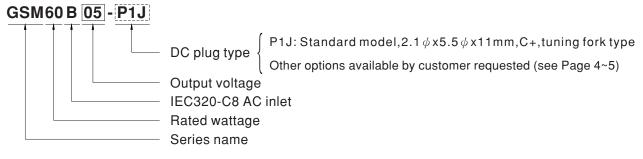
MW Search: https://www.meanwell.com/serviceGTIN.aspx

Description

GSM60B is a highly reliable, 60W desktop style single-output green medical adaptor series. This product is equipped with a 2-pin (no FG) standard 中巴C320-C8 power plug, adopting the input range from 80VAC to 264VAC. The entire series supplies different output voltages between 5VDQ and 48VDC that can satisfy the demands for various kinds of medical electrical devices. The circuitry design meets the international medical standards (2*MOPP), having an ulitra low leakage current (<50 \(\mu A \), fitting the medical devices in direct electrical contacts with the batterns uest

With the left of the total of the text remiely low no-load power consumption below 0.1W, GSM60B is complianowath bear 2007/Deep. Canada NRCan, Australia and New Zealand MEPS, EU ErP, and meet Code of Conducta (Cott) Wetsion to he energy when it is either under the operating mode or the standby mode. The entire series utilizes the 94V-0 flame retardant plastic case, providing the double insulation that effectively prevents electrical shock. GSM60B is approved with the international medical safety certificates.

Model Encoding



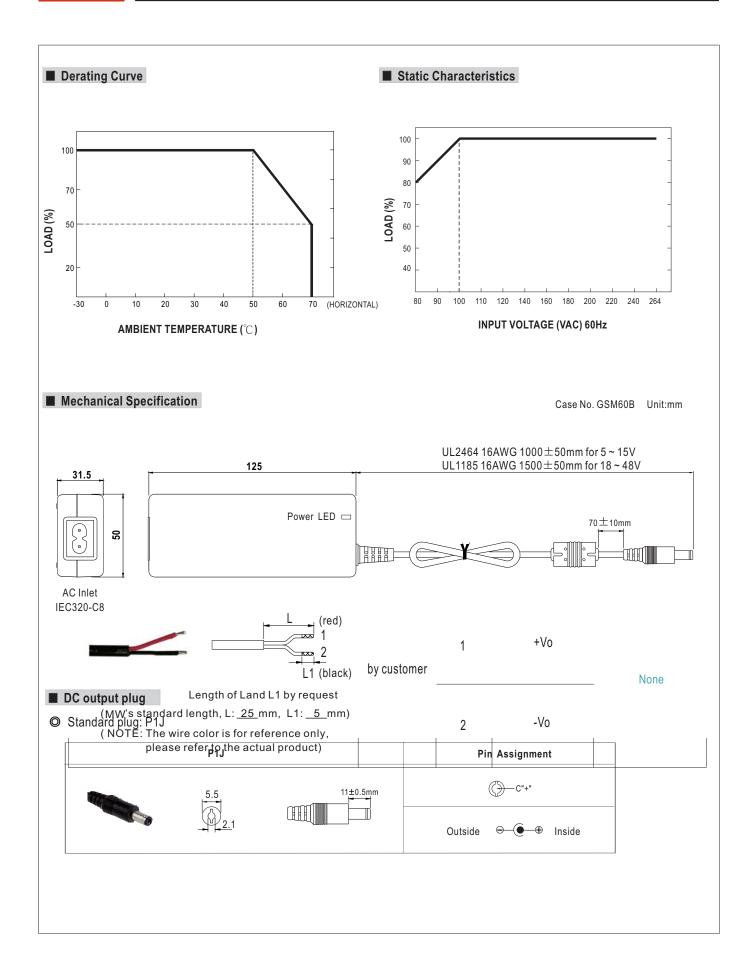


SPECIFICATION

DC VOLTAGE Nove. 5V 55V 9'V 12V 9V 12V 12V 2V 2V 2V 2V 2V	ORDER NO.		GSM60B05-P1J	GSM60B07-P1J	GSM60B09-P1J	GSM60B12-P1J	GSM60B15-P1J	GSM60B18-P1J	GSM60B24-P1J	GSM60B48-P		
MATEO CURRENT 8.8 8.4 6.8 8.4 6.8 8.4 4.4 3.333 3.2 3.25 2.25		SAFETY MODEL NO.	GSM60B05	GSM60B07	GSM60B09	GSM60B12	GSM60B15	GSM60B18	GSM60B24	GSM60B48		
CURRENT FANCE 0 - 6A		DC VOLTAGE Note.2	5V	7.5V	9V	12V	15V	18V	24V	48V		
CURRENT RANGE 0 - 6A					6A			3.33A	2.5A	1.25A		
National Content Section Secti			-							0 ~ 1.25A		
NPLE & NOISE (max.) Note. Som/y-p 100m/y-p 100m/y-p 100m/y-p 120m/y-p 150m/y-p 20m	ОИТРИТ											
VOLTAGE TOLERANCE Note 15 Pk ±5 0 Pk ±5 0 Pk ±3 0 Pk ±5 0 Pk ±5 0 Pk ±1 0 Pk ±		(/										
LINE REQUIATION Notes ±1.0% ±1		` '								200mVp-p		
LOAD REGULATION 4:5.0% 4:5.0% 4:5.0% 4:5.0% 4:3.0% 4:3.0% 4:3.0% 4:3.0% 4:2.0% 4:2.0% 4:3.0% 4:3.0% 4:2.0% 4:3.0% 4										±2.5%		
SETUP, RISE TIME		LINE REGULATION Note.5				±1.0%		±1.0%		±1.0%		
MOLD UP TIME (Typ.) Slows 220/MC 16ms / 159/MC at full load		LOAD REGULATION	±5.0%	±5.0%	±5.0%	±3.0%	±3.0%	±3.0%	±3.0%	±2.5%		
VOLTAGE RANGE		SETUP, RISE TIME Note.6	1000ms, 30ms / 230VAC 1500ms, 30ms / 115VAC at full load									
RECUENCY RANGE		HOLD UP TIME (Typ.)	50ms / 230VAC 16ms / 115VAC at full load									
### ### ##############################		VOLTAGE RANGE Note.7	80 ~ 264VAC									
### ### ##############################	ŀ	FREQUENCY RANGE	47 ~ 63Hz									
AC CURRENT (Typ.) 1.44,115/AC 14,1230VAC 130,1230VAC 105 - 160% rated output power		EFFICIENCY (Typ.)	81.5% 86% 87.5% 88% 88.5% 89% 90% 9°									
INCUSH CURRENT(Typ.)	INPUT	(• . ,	1.4A / 115VAC 1A / 230VAC Cold start 30A / 115VAC 60A / 230VAC									
LEAKAGE CURRENT(max.) Touch current < 50 / A/254 VAC 105 - 160% rated output power Protection by eti-ficupy mode recovers automatically after fault condition is removed 52 - 7.00 1/28 - 160 V 9.4 - 162 V 16.7 - 20.30 18.9 - 24.30 25.2 - 32.40 50.4		(7 . /										
OVER VOLTAGE		(• . ,										
OVER VOLTAGE Forestant type: History mode, recovers automatically after fault condition is removed		LEAKAGE CURRENT (max.)										
Protection type: Hicupy mode, recovers automatically after fault condition is removed 0VER VOLTAGE 5.2 - 7.0 Y 7.8 - 10.2 V 12.9 - 16.2 V 15.7 - 20.3 V 18.9 - 24.3 V 25.2 - 32.4 V 50.4 - 10.4 V 12.5 - 16.2 V 15.7 - 20.3 V 18.9 - 24.3 V 25.2 - 32.4 V 50.4 - 10.4 V 12.5 V 12		OVERI OAD	105 ~ 160% rated output power									
OVER TEMPERATURE NORKING TEMP. OVER TEMPERATURE NORKING TEMP. OVER TEMPERATURE NORKING TEMP. OVER TEMPERATURE NorKING TUMIDITY OVER TEMPERATURE NORKING HUMIDITY OVER TEMPERATURE NORKING HUMIDITY OVER TEMPERATURE NORKING HUMIDITY OVER TEMPERATURE NORKING HUMIDITY TEMP. COEFFICIENT 10 - 500Hz, 26 10min, fcycle, period for 60min, each along X, Y, Z axes OPERATING ALTITUDE Note.3 OPERATING ALTITUDE Note.3 SAFETY STANDARDS ELECABOST-HIELDROCH-1-11, BS ENVENDORO-1-11 BS ENVENDORO-1-11, ANSIVAMI ES60601-1 / ES60601-1-11(3.1 version, CANUSA-C22 2 to, 6.0601-1-14-1-14 elition a, EAC TP TC 004 approved ISOLATION LEVEL Primary-Secondary: 2xMOPP WITHSTAND VOLTAGE IN-OP-PIAVING ISOLATION RESISTANCE Parameter STANDARDS SENENSOOTH (CISPR2): CAN ICES AB/NINB-3(B) CISPR22 CAN ICES AB/NINB-3(B) CISPR22 CAN ICES AB/NINB-3(B) CISPR22 CAN ICES AB/NINB-3(B) Leng fill for Land LT Dy request (MW's standard length, L. 25 mm, L11 5 mm, L12 5 mm, MIL-HDBK-217F (25°C) ONHECTOR ONHECTOR ONHECTOR ONHECTOR AND ALL ARD AB/NINB-3(B) ONHECTOR ONHECTOR ONHECTOR AND ALL ARD AB/NINB-3(B) SENENSHOUGH-4-3 SENENSHOUGH-		O TENEOND	Protection type: Hiccup mode, recovers automatically after fault condition is removed									
OVER TEMPERATURE Shut down of youtage, re-power on to recover WORKING TEMP. 30 - 470°C (Refer to "berating Curve") WORKING HUMIDITY 20% - 90% RH non-condensing TEMP COEFFICIENT 10.33% /**C (0 - 40°C) WORKING TEMP. 40 - 485°C (0 - 40°C) WORKING TEMP, HUMIDITY 40 - 485°C (0 - 40°C) WORKING TEMP, HUMIDITY 40 - 485°C (0 - 40°C) WORKING TEMP, HUMIDITY 40 - 485°C (0 - 40°C) WORKING TEMP, HUMIDITY 40 - 485°C (0 - 40°C) WORKING TEMP, HUMIDITY 40 - 485°C (0 - 40°C) WORKING TEMP, HUMIDITY 40 - 485°C (0 - 95% RH non-condensing) TEMP COEFFICIENT 10 - 500Hz, 25 flomin/1rcycle, period for 60min, each along X, Y, Z axes OPERATING ALTITUDE Notes. SAFETY STANDARDS SAFETY STANDARDS ISOLATION LEVEL Primary-Secondary: 2MOPP WITHSTAND VOLTAGE 10 - 10 - 10 - 10 - 10 - 11 - 11 - 15 ENLENB0601-1-16, SE NIVENB0601-1-11, ANSI/AMMI ES00601-1-1 (13.1 version) CANICSA-CZ2 206. 06061-1144 - Edition 3, EAC TP TC 004 approved ISOLATION RESISTANCE 10 - 00 - 11 - 10 - 10 - 10 - 11 - 11	POTECTION	OVERVOLTACE	5.2 ~ 7,0V	7.8 ~ 10.2V	9.4 ~ 12.2V	12.6 ~ 16.2V	15.7 ~ 20.3V	18.9 ~ 24.3V	25.2 ~ 32.4V	50.4 ~ 64.8\		
OVER TEMPERATURE WORKING TEMP 30 ~ 70°C (Refer to "Derating Curve") WORKING TEMP WORKING TEMP 20% ~ 90°K RH non-condensing TEMP. COEFFICIENT 20% ~ 90°K RH non-condensing 10 ~ 500 kz, 26 10min, 17cycle, period for 60min, each along X, Y, Z axes OPERATING ALTITUDE Notes 8 3000 meters SAFETY STANDARDS ICCOGNOTI-INCOR001-1-11, BS ENVEN00001-1-18, SE ENVEN00001-1-11, ANSI/AAMI ES00001-1-17(3.1 version) CANCSA-C22 2Na 6.0001-114-1-60ition 3, EAC TP TC 004 approved ISOLATION LEVEL Primary-Secondary; 2xMOPP WITHSTAND VOLTAGE IP-OIP-100M Chms / 500VDC / 25°C / 70% RH Parameter Conducted emission BS ENVEN50011 (CISPR1), FCC PART 15 / Class B Class B EMC EMISSION Radiated emission BS ENVEN50011 (CISPR1), FCC PART 15 / Class B EMC EMISSION Radiated emission BS ENVEN50011 (CISPR1), FCC PART 15 / Class B SENVEN50011 (CISPR1), FCC PART 15 / Class B SENVEN50010 (CISPR2; CAN ICES-3(B)NMB-3(B)) Radiated emission BS ENVEN50010 (CISPR2; CAN ICES-3(B)NMB-3(B)) Radiated emission BS ENVEN50010 (CISPR2; CAN ICES-3(B)NMB-3(B)) Radiated emission BS ENVEN50010 (CISPR2; CAN ICES-3(B)NMB-3(B)) Radiated emission BS ENVEN5000-3-3 +Vol	RUIECIIUN	OVER VULIAGE	Protection type	: Shut down o/p	voltage, re-pov	ver on to recover						
WORKING FLMP		OVER TEMPERATURE										
WORKING HUMIDITY 20% - 90% R.R non-condensing												
### STORAGE TEMP, HUMIDITY TEMP. COEFFICIENT TEMP. COEFFICIENT TEMP. COEFFICIENT TEMP. COEFFICIENT TEMP. COEFFICIENT TO 0.40°C) DOPERATING ALTITUDE Notes. \$ 3000 meters ### SAFETY STANDARDS ECOBORT-118C 0.6001-1-11, BS ENIEN60601-1-11, BS ENIEN60601-1-11, ANSI/AMI ES60601-1-1 (S.1 version) CNNCSA-C22.2 No. 60601-1-114 - Edition 3, EAC TP TC 0.04 approved Primary-Secondary: 2xMOPP Primary-Secondary: 2xMOPP												
TEMP. COEFFICIENT 10-50Hz, 26 Tomin/Tcycle, period for 60min. each along X, Y, Z axes OPERATING ALTITUDE hosts SAFETY STANDARDS IEC80601-11IEC80601-1-11, BS ENIEN80601-1-11, BS ENIEN80601-1-11, ANSI/AAMI ES80601-1-1/ES80601-1-11(3.1 version, CANICSA-C22.2 No. 60801-1-114-Edition 3, EACTP TC 0.04 approved ISOLATION LEVEL WITHSTAND VOLTAGE ISOLATION RESISTANCE IP-OIP-100M Ohms / 500VDC / 25°C / 70% RH Parameter Parameter Standard Parameter Conducted emission ISS ENVENS011 (CISPR11), FCC PART 15/ CISPR22, CANICES-3(B)/MMB-3(B) CISPR22, CANICES-3(B)/MMB-3(B) Radiated emission ISS ENVENS011 (CISPR11), FCC PART 15/ CISPR22, CANICES-3(B)/MMB-3(B) Radiated emission Radiated emission ISS ENVENS0100-3-2 CISSS B SENVENS0100-3-3 Parameter 1 (black) Parameter 1 (black)	F111///D01/14/F1/IT		· · · · · · · · · · · · · · · · · · ·									
VIBRATION 10 - 500Hz, 2G 10min/1cycle, period for 60min, each along X, Y, Z axes	ENVIRONMENT		-									
OPERATING ALTITUDE Note. SAFETY STANDARDS IEC60601-II:10.60601-1:14. BS EN/EN60601-1-11, ANSI/AAMI ES60601-1 / ES60601-1:1(3.1 version), CAN/CSA-C22.2 No. 60601-1:14. Edition 3, EAC TP TC 004 approved ISOLATION LEVEL Primary-Secondary: 2xMOPP WITHSTAND VOLTAGE IP-O/P-100M Ohms / 500VDC / 2s*C / 70% RH Parameter Conducted emission EMC EMISSION Radiated emission Radiated emission Radiated emission Radiated emission BS EN/ENS011 (CISPR11), FCC PART 15 / CISPR22, CAN ICES-3(B)NMB-3(B) CISPR22, CAN ICES-3(B)NMB-3(B) CISSR B EMC EMISSION Radiated emission Radiated emission Radiated emission BS EN/ENS011 (CISPR11), FCC PART 15 / CISPR22, CAN ICES-3(B)NMB-3(B) CISSR B EMC EMISSION Radiated emission BS EN/ENS011 (CISPR11), FCC PART 15 / CISPR22, CAN ICES-3(B)NMB-3(B) CISSR B CISSR B CISSR B CISSR B CISSR B EMC EMISSION Radiated emission BS EN/ENS0100-3-2 Level 4, 15KV air; Level 4, 8KV Voltage disputed to please refer to Conducted susceptibility Table 9, 9-28V/m(395MH2-5.78 EN/EN/E1000-4-2 Level 3, 10V/m (80MH2-5.78 EN/EN/E1000-4-3 BS EN/ENS01000-4-4 Level 3, 10V/m (80MH2-5.78 EN/EN/E1000-4-3 Radia B EN/EN/E1000-4-3 BS EN/EN/E1000-4-3 BS EN/EN/E1000-4-3 Lev				· /			_					
ISOLATION LEVEL Primary-Secondary: QANICSA-C22.2 No. 60601-1.11, BS EN/EN60601-1.11, ANS//AAMI ES60601-1.1 / ES60601-1.11 (3.1 version). CANICSA-C22.2 No. 60601-1.14 - Edition 3, EAC TP TC 0.04 approved		VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes									
CANICSA-C22 No. 66601-11:4 - Edition 3, EAC TP TC 004 approved		OPERATING ALTITUDE Note.8	3000 meters									
ISOLATION LEVEL WITHSTAND VOLTAGE IP-O(P-4KVIAC WITHSTAND VOLTAGE ISOLATION RESISTANCE Parameter Standard Conducted emission Rediated emis		SAFETY STANDARDS	IEC60601-1/IEC60601-1-11, BS EN/EN60601-1/ BS EN/EN60601-1-11, ANSI/AAMI ES60601-1 / ES60601-1-11(3.1 version),									
WITHSTAND VOLTAGE ISOLATION RESISTANCE Parameter Conducted emission BS EMENS5011 (CISPR11), FCC PART 15 / CISRS B EMC EMISSION Radiated emission BS EMENS5011 (CISPR11), FCC PART 15 / CISRS B BS EMENS5011 (CISPR11), FCC PART 15 / CISRS B Radiated emission BS EMENS5011 (CISPR11), FCC PART 15 / CISRS B CISSRS CISPR22, CAN ICES-3(B)NMB-3(B) CISSRS CISPR22, CAN ICES-3(B)NMB-3(B) CISSRS A Level 4, AGN CISSRS CI			CAN/CSA-C22.	2 No. 60601-1:14	- Edition 3, EAC	TP TC 004 appr	oved					
ISOLATION RESISTANCE		ISOLATION LEVEL	Primary-Secondary: 2xMOPP									
Parameter Standard Test Level / Note BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPR2, CAN ICES-3(B)/MMB-3(B) Radiated emission BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPR2, CAN ICES-3(B)/MMB-3(B) Radiated emission BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPR2 CAN ICES-3(B)/MB-3(B) Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS BESENTER 1000-3-2 CISPR2 CAN ICES-3(B)/MB-3(B) Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS5011 (CISPR11), FCC PART 15 / CISPRS A Harmonic current BS EN/ENS1000-3-2 CISPRS A Harmonic current BS EN/ENS1000-3-3 + Lyo BS EN/ENS1000-4-2 Level 4, 15KV air; Level 4, 8KV Level 4, 10V/m 80MHz-2.7GHz Table 9, 9-28V/m(80MHz-2.7GHz Table 9, 9-28V/m(WITHSTAND VOLTAGE	I/P-O/P:4KVAC									
EMC EMISSION Radiated emission		ISOLATION RESISTANCE	I/P-O/P:100M C	hms / 500VDC /	25°C/70% RH							
EMC EMISSION Radiated emission BS EN/EN55011 (CISPR21, PCC PART 15/ CISPS B BS EN/EN55011 (CISPR11), PCC PART 15/ CISPS B EMC (Note. 9) Radiated emission BS EN/EN61000-3-2 Class A BS EN/EN61000-3-2 Class A Level 4, 15kV air; Level 4, 8kV Level 4, 15kV air; Level 4, 8kV Level 3, 10V/m (80MHz-2.7GHz Table 9, 9-28/m (385MHz-5.78 EMC (MW's standard length EMC									Test Level / Note			
EMC EMISSION Radiated emission BS EN/EN55011 (CISPR21, PCC PART 15/ CISPS B BS EN/EN55011 (CISPR11), PCC PART 15/ CISPS B EMC (Note. 9) Radiated emission BS EN/EN61000-3-2 Class A BS EN/EN61000-3-2 Class A Level 4, 15kV air; Level 4, 8kV Level 4, 15kV air; Level 4, 8kV Level 3, 10V/m (80MHz-2.7GHz Table 9, 9-28/m (385MHz-5.78 EMC (MW's standard length EMC			BS EN/EN55011 (CISPR11) ECC PART 15 /						Class P			
Radiated emission CISPR22, CAN ICES-3(B)/NMB-3(B) Class B CISPR27, CAN ICES-3(B)/NMB-3(B) Class A Colas A									Class B			
AFFETY & EMC (Note. 9) Harmonic current BS EN/EN61000-3-3 +Vo		EMC EMISSION							Class B			
SAFETY & FINCE CONNECTOR MTBF OTHERS OTHERS MTBF OTHERS MTBF OTHERS OTHERS MTBF OTHERS OTHERS MTBF OTHERS OTHERS OTHERS MTBF OTHERS OTHERS OTHERS OTHERS MTBF OTHERS OTHE			CISPR22, CAN ICES-3(B)/NMB-3(B)					Olass B	Class B			
EMC (Note. 9) BS EN/EN66001-1-2, BS EN/EN61004-3	CAEETVO		Harmonic curre	monic current BS EN/EN61000-3-2					Class A			
BS EN/EN60601-1-2, BS EN/EN61204-3			Voltage flicker BS EN/EN61000-3-3 L1/2									
Parameter 1 1 (hlack) Sytewstomer Test Level / Note		I AND	1									
ESD	(Note. 9)	Lengt	B (T (L))									
Level 3, 10V/m(80MHz~2.7GHz				1 1 (b)ac						1 8KV contac		
### RF field susceptibility FF field susceptibility FF burst BS EN/EN61000-4-3 Table 9, 9-28V/m(385MHz-5.78				by request	DO LIV/L	1101000-4-2				*		
EMDIMMENTHe wire coloplease refer to please re					, BS EN/E	BS EN/EN61000-4-3			,			
Please refer to Conducted susceptibility BS EN/EN61000-4-5 Level 3, 1KV/Line-Line		-	EET books			DS EN/ENG1000 4 4						
Magnetic field immunity BS EN/EN61000-4-8 Level 4, 30A/m Voltage dip, interruption BS EN/EN61000-4-11 100% dip 1 periods, 30% dip 25 periods MTBF 3491.2K hrs min. Telcordia SR-332 (Bellcore); 694.3K hrs min. MIL-HDBK-217F (25°C) DIMENSION 125*50*31.5mm (L*W*H) PACKING 0.32Kg; 40pcs/13.8Kg/1.04CUFT PLUG See page 4~5; Other type available by customer requested CABLE See page 4~5; Other type available by customer requested 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2. DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1μf & 47μf capacitor. 4. Tolerance: includes set up tolerance, line regulation, load regulation. 5. Line regulation is measured from low line to high line at rated load. 6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time. 7. Derating may be needed under low input voltages. Pleas check the derating curve for more details. 8. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m 9. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."		E(MC) COMMENITINE wire colo	EF DUISTS	nice omy,								
Magnetic field immunity BS EN/EN61000-4-8 Level 4, 30A/m Voltage dip, interruption BS EN/EN61000-4-11 100% dip 1 periods, 30% dip 25 periods MTBF 3491.2K hrs min. Telcordia SR-332 (Bellcore); 694.3K hrs min. MIL-HDBK-217F (25°C) DIMENSION 125*50*31.5mm (L*W*H) PACKING 0.32Kg; 40pcs/13.8Kg/1.04CUFT PLUG See page 4~5; Other type available by customer requested CABLE See page 4~5; Other type available by customer requested 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2. DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 μf & 47 μf capacitor. 4. Tolerance: includes set up tolerance, line regulation, load regulation. 5. Line regulation is measured from low line to high line at rated load. 6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time. 7. Derating may be needed under low input voltages. Pleas check the derating curve for more details. 8. The ambient temperature derating of 3.5°C/1000m with fan less models and of 5°C/1000m with fan models for operating altitude higher than 2000m 9. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."		please refer to	Surge suscept	Dility					1			
Voltage dip, interruption BS EN/EN61000-4-11 100% dip 1 periods, 30% dip 25 to 100% interruptions 250 periods		•	Conducted sus	серивши								
MTBF 3491.2K hrs min. Telcordia SR-332 (Bellcore); 694.3K hrs min. MIL-HDBK-217F (25°C)			Magnetic field	immunity	BS EN/E	N61000-4-8	'	Level 4,	30A/m			
MTBF 3491.2K hrs min. Telcordia SR-332 (Bellcore); 694.3K hrs min. MIL-HDBK-217F (25°C) DIMENSION 125*50*31.5mm (L*W*H) PACKING 0.32Kg; 40pcs/13.8Kg/1.04CUFT PLUG See page 4~5; Other type available by customer requested CABLE See page 4~5; Other type available by customer requested 1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient. 2. DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1 \(\mu f \) & 47 \(\mu f \) capacitor. 4. Tolerance: includes set up tolerance, line regulation, load regulation. 5. Line regulation is measured from low line to high line at rated load. 6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time. 7. Derating may be needed under low input voltages. Pleas check the derating curve for more details. 8. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m 9. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies."			Valtana din int		DO ENTE	N61000 4 11						
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Product Liability Disclaimer: For detailed information, please refer to https://www.meanwell.com/serviceDisclaimer.aspx		8. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500 9. The power supply is considered as an independent unit, but the final equipment still need to re-confirm that the whole system complies with the EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com)										

60W AC-DC Reliable Green Medical Adaptor







- O DC plug changeable through:
 - (1) Customization of the standard part with an optional DC plug according to the table (MOQ applicable)
 - (2) Quick adapter accessory (sold separately without MOQ)

Please refer to below table and online selection guide: https://www.meanwell.com/upload/pdf/DC_plug.pdf

Example quick adapter accessory:



Optional DC plug: (Available in customized cable or quick adapter)

Tuning Fork Style				Type No.	А		В	С	Quick Adapter	
Tuning Fork Style				Type No.	OD		ID L		Accessory	
		- C -		P1I	5.5		2.1	9.5		
	A B	(Straight) (Right-angled)	P1L	5.5		2.5	9.5			
The same of the sa			P1M	5.5		2.5	11.0	Available		
			P1IR	5.5		2.1	9.5	(Current rating: 7.5A max.)		
-			P1JR	5.5		2.1	11.0	(Current fatting, 7.5A max.)		
			P1LR	5.5		2.5	9.5			
		(Right	-angled)	P1MR	5.5		2.5	11.0		
	Rarrel	Style		Type No.	Α		В	С		
Barrel Style			турстчо.	OD		ID	L			
		C.		P2I	5.5		2.1	9.5		
				P2J	5.5		2.1	11.0		
	B B			P2L	5.5		2.5	9.5	None	
		(Straigh	Straight)	P2M	5.5	_	2.5	11.0		
		(Right-angled)	P2IR	5.5		2.1	9.5			
			P2JR	5.5		2.1	11.0			
			P2LR	5.5		2.5	9.5			
			-angled)	P2MR	5.5		2.5	11.0		
	l l. 0	M. J.		Type No.	Α	В		С		
	Lock S	otyle		турстчо.	OD		ID	L		
1 100	B B	Floating Locking 2 L1 (plack) 195WPEHERM For BY AND GRUNNSTent		P2S(S761K)	5.53		2.03 12.06 2.54 12.06 2.03 9.52		None	
				P2bKy(d7u6s1tKn)ner	5.53					
				P2C(S760K)	- 5.53				None	
	Len			P2D(760K)	5.53		2.54	9.52		
N	/lin. Pin S	Style		Type No.	Α	В		С		
·				1,750110.	OD		ID	L		
please refer to the actual product)			P3A	2.35		0.7	11.0	Available (Current rating: 5A max.)		
THE RESERVE TO SERVE	(P) В	EIAJ equivalent		P3B	4.0		1.7	11.0	(Juneticialing, JAmax.)	
	→			P3C	4.75		1.7	11.0		
	Center P	in Style		Type No.	Α	В	С	D		
	- Contor i in Otylo		1,00110.	OD	ID	L	Center Pin			
	A B D	EIAJ equivalent		P4A	5.5	3.4	11.0	1.0	Available	
				P4B	6.5	4.4	11.0	1.4	(Current rating: 7.5A max.)	
				P4C	7.4	5.1	11.0	0.6		
En o oquivalent				1				-		



Min DINI 2 Din with Look (male)	Tona - Ma	Pin	Assignment	Quick Adapter	
Min. DIN 3 Pin with Lock (male)	Type No.	PIN No.	Output	Accessory	
	R6B	1	+Vo		
		2	-Vo	Available (Current rating: 7.5A max.)	
KYCON KPPX-3P equivalent		3	+Vo	Contentiating. 1.3Amax	
M: BIM (B: '() ()	Type No	Pin Assignment			
Min. DIN 4 Pin with Lock (male)	Type No.	PIN No.	Output		
		1	+Vo	Available	
2 3 111111 2 2	R7B	2	-Vo	(Current rating: 7.5A max.)	
KYCON KPPX-4P equivalent	IVID	3	-Vo		
KTCON KFFX-4F equivalent		4	+Vo		
Min. DIN 4 Pin with Lock (female)	Type No.	Pin Assignment			
Will. DIN 4 Pill with Lock (leniale)	Type No.	PIN No.	Output		
		1	+Vo	None	
2 3 [070707]	R7BF	2	-Vo	None	
		3	-Vo		
KYCON KPJX-CM-4S equivalent		4	+Vo		
DIN 5 Pin (male)	Type No.	Pin Assignment			
Dividit (maid)		PIN No.	Output		
		1	-Vo	Aveilable	
		2	-Vo	Available (Current rating: 7.5A max.)	
$\begin{pmatrix} \begin{pmatrix} 1 & 3 \\ 4 & 2 & 6 \end{pmatrix} \end{pmatrix} \qquad $		3	+Vo	-	
		4	-Vo	_	
		5	+Vo		
Stripped and tinned leads	Type No.	Pin Assignment			
Onipped and united leads	Type No.	PIN No.	Output	None	
L (red) 1 2 L1 (black)	by customer	1	+Vo		
Length of Land L1 by request (MW's standard length, L: 25 mm, L1: 5 mm) (NOTE: The wire color is for reference only, please refer to the actual product)		2	-Vo		

■ Installation Manual

Please refer to: http://www.meanwell.com/manual.html