



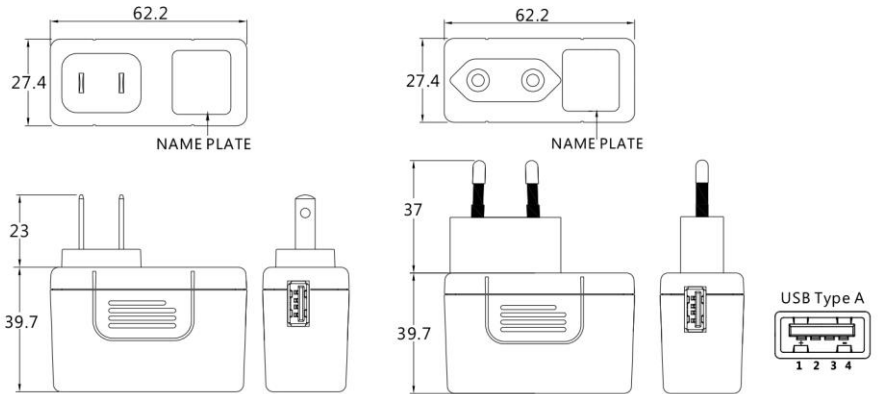
E-Star Power Development Co., Ltd. (E-STAR)
 1F., No.40, Juren Ln., Sec. 2, Sanmin Rd., Banciao Dist., New Taipei City
 22069, Taiwan (R.O.C.)
 Phone : 886-2-2957 5580 Fax : 886-2-2957 7473

12W USB Charger series > GPSU12-USB

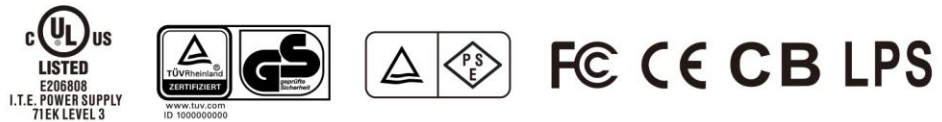


FIG 1: American

FIG 2: European



■ Safety agency approvals:



■ Specifications:

Model No.	GPSU12-USB
AC input range	100~240VAC; 47~63Hz; 0.5A
Leakage current	0.25mA @ 240VAC/50Hz
Operating temperature	-20°C to ~ +70°C(safety approval 0°C to 40°C, >40°C please contact the sales request derating curve.)
Withstand voltage	4242VDC from input to output
EMC	(A)CE EN 55032,EN 55024 (B)FCC 47 CFR Part 15 Subpart B
Safety	(A) UL/cUL (B) TUV/GS (C) TUV/PSE (D) CB
Warranty	1 year

■ U: (American type_FIG 1)

Model name	Output Voltage(VDC)	Output Current(A)	Max.Output power(W)	Ripple.(mV) max.	Line Regulation(%)	Load Regulation(%)	Avg.Eff.(%) DoE (VI)_ CoC (5)	No load Power Consumption(W)	Measured at the output of
GPSU12U-1-USB	5~6	2.40~2.00	12	100	±1	±5	>79.94	<0.075	5
GPSU12U-1-1-USB	6~8	2.00~1.50	12	100	±1	±5	>83.1	<0.075	7.5
GPSU12U-2-USB	8~11	1.50~1.10	12.10	100	±1	±5	>83.1	<0.075	9
GPSU12U-3-USB	11~13	1.10~0.93	12.10	100	±1	±3	>83.1	<0.075	12
GPSU12U-4-USB	13~16	0.93~0.75	12.09	100	±1	±3	>83.1	<0.075	15
GPSU12U-5-USB	16~21	0.75~0.58	12.18	100	±1	±3	>83.1	<0.075	18
GPSU12U-6-USB	21~27	0.58~0.45	12.18	100	±1	±2	>83.1	<0.075	24
GPSU12U-7-USB	27~33	0.45~0.37	12.15	100	±1	±2	>83.1	<0.075	28
GPSU12U-8-USB	33~48	0.37~0.25	12.21	100	±1	±2	>83.1	<0.075	48

■ E: (European type_FIG 2)

Model name	Output Voltage(VDC)	Output Current(A)	Max.Output power(W)	Ripple.(mV) max.	Line Regulation(%)	Load Regulation(%)	Avg.Eff.(%) DoE (VI)_ CoC (5)	No load Power Consumption(W)	Measured at the output of
GPSU12E-1-USB	5~6	2.40~2.00	12	100	±1	±5	>79.94	<0.075	5

Note:

- 1.Weight: Approx 60~70gs
- 2.Avg. Eff.(%): Averages the efficiency at 25, 50, 75, and 100 % of max. rated output current.