Landscape SS Transformer

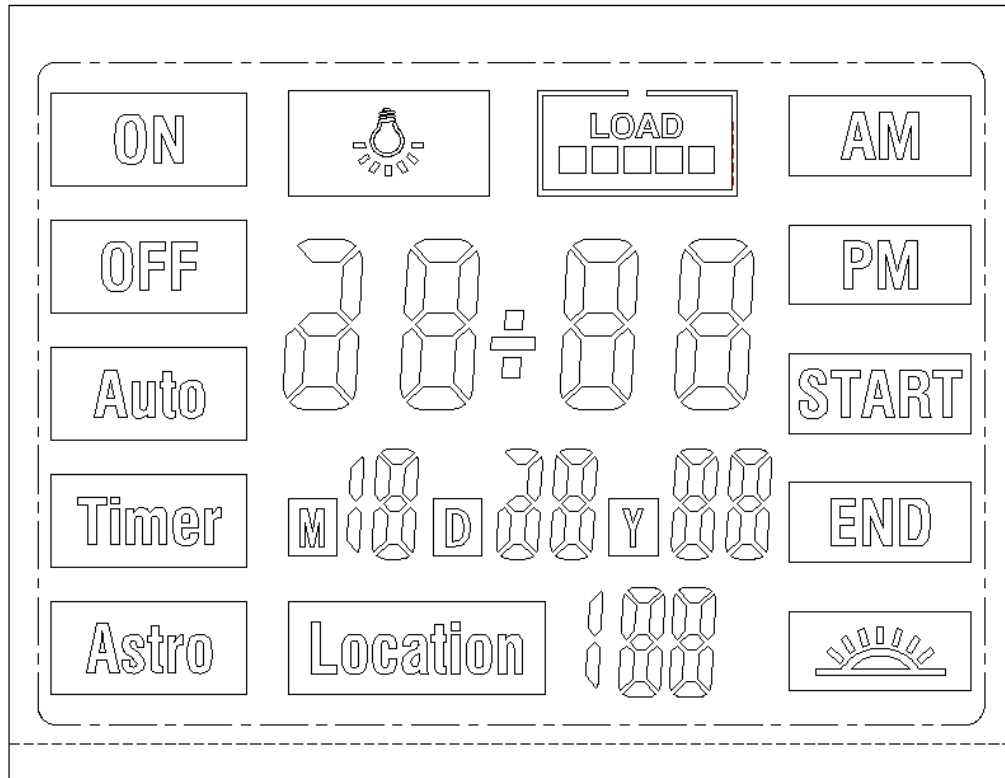## w/ built-in Astronomic timer and Photocell

Model: STS600

By ABBA Lighting USA

Input: 120V AC 50/60Hz

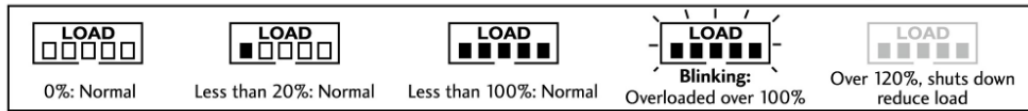Output: 12V/15V AC 300VA (300W) X2

1. Product Info

Slim Stainless Steel enclosure for possible narrow place hanging

－Built in Photocell (Auto mode/dusk to down)

－Built in Timer (timer mode for any time setting)

－Built in Astronomic timer (sunwise, light on and off time based on

local sun set and rise accordingly) For indoor using mode

－ON /OFF mode= always ON or OFF

－Loading power consumption rate displayed;

Overload warning icon on the LCD display=loading icon flickers

LOAD ☐☐☐☐☐	LOAD ■☐☐☐☐	LOAD ■■■■■	LOAD ■■■■ Blinking: Overloaded over 100%	LOAD ■■■■
0%: Normal	Less than 20%: Normal	Less than 100%: Normal		Over 120%, shuts down reduce load

Built in Overload and short circuit cut off protection (Press button MODE

to start and reset)

－2X300W independent mode setting zones;

－2X COM / 12V or 15V output x3 lines

－Toolless quick connectors/taps

2. Setting buttons

Mode: working mode selecting button.

Enter: Confirm the setting/selecting button.

△ ：UP selecting button.

▽ ：Down selecting button.

"Mode" + "Enter" button=Clock: clock setting(set your local time)

△ + ▽ (press down both icon)=Location setting: Your nearest city choose for Astronomic working mode(city code see bellow sheet)

3: Working modes/settings

Press the（Mode）button, and use the up and down button to select the Modes, press（Enter）to confirm the selected and set mode;

"ON"：Always on mode

"OFF"：Always off mode

"Auto": Photocell=from dusk to dawn working mode.

When select the Auto Icon, the clock icon (--:--) and [icon] icon will shinning, press (Enter) to confirm Auto mode setting.

Additional Auto mode setting: ON at dusk(Auto) and OFF at a specific time.

When selected to the "Auto" mode, before you press the (Enter) to confirm, press UP／DOWN button to set the clock (--:--)（PM/AM）for specific OFF time(hour/min) and then press the (Enter) icon to finish the setting;

"Timer": Timer mode for any specific time ON and OFF setting;

When select to Time mode, the(Start) and clock (--:--)（PM/AM）icon shining, ready to set the ON time(hour/min), and (End) icon shining，ready to set the OFF time; Always press the (Enter) when button the hours/min selected.

"Astro": Astronomic timer mode with your local sun rise and set time. Can be used for indoors where the lightness is no good;（Attention; make sure you have selected your local city with "Location" icon） **CITIES CODE SHEET AS BELLOW;**

1：Press down UP+DOWN button to select the "Astro" icon by press (Enter) button, the "Astro" and ":00" icon shinning, just press the (Enter)button again, the hal ise icon   also shinning, then press (Enter) button to finish the Astronomic Auto ON and OFF mode setting which is the default mode for Astro.

2：Optional ON time setting; When see "Astro" icon and ":00"shining, use the UP/DOWN button to set Start ON time with 10-50min advanced or delayed to actual sunset time, and Press（Enter）button to confirm.

3：Optional Specific OFF time setting; When see the clock (--:) (FM/PM) icon and Half sunrise icon shinning, it's ready to set the specific END OFF time, use UP/DOWN button to select specific time and press (Enter) to confirm the setting; Always press the (Enter) button when the hours/min selected.

Code	Area/City	Code	Area/City	Code	Area/City	Code	Area/City
01	Alabama North	23	Illinois south	45	MISSOURI south	67	Pennsylvania West
02	Alabama South	24	Indiana Eastern time zone	46	Montana East	68	Rhode Island
03	Alaska	25	Indiana Southern (Central time zone)	47	Montana west	69	South Carolina
04	Arizona (no DST)	26	Iowa East	48	Nebraska East	70	South Dakota East
05	Arkansas North	27	Iowa West	49	Nebraska West	71	South Dakota West
06	Arkansas South	28	Kansas East	50	Nevada North	72	Tennessee West
07	California Central	29	Kansas West	51	Nevada South	73	Tennessee East
08	California North	30	Kentucky East	52	New Hampshire	74	Texas East
09	California South	31	Kentucky West	53	New Jersey	75	Texas North
10	Colorado North	32	Louisanna North	54	New Mexico North	76	Texas South
11	Colorado South	33	Louisanna South	55	New Mexico South	77	Texas West
12	Connecticut	34	Maine	56	New York South	78	Utah
13	Delaware	35	Maryland East	57	New York Upstate	79	Vermont
14	Florida north	36	Maryland West	58	North Carolina East	80	Virginia East
15	Florida south	37	Massachusetts	59	North Carolina West	81	Virginia West
16	Florida west	38	Michigan North	60	North Dakota East	82	Washington
17	Georgia north	39	Michigan South	61	North Dakota West	83	West Virginia
18	Georgia south	40	Minnesota north	62	Ohio	84	Wisconsin
19	Hawaii	41	Minnesota south	63	Oklahoma	85	Wyoming
20	Idaho north	42	Mississippi North	64	Oregon East		
21	Idaho south	43	Mississippi South	65	Oregon West		
22	Illinois north	44	MISSOURI north	66	Pennsylvania East		
CANADA		**CANADA**		**CANADA**		**CANADA**	
101	Whitehorse, Yukon	102	Montréal, Quebec	103	Quebec	104	Charlottetown, Prince Edward

							Island
105	Ottawa, Ontario	106	Toronto	107	Barrie, Ontario	108	Iqaluit, Nunavut
109	North Sydney, Nova Scotia	110	Halifax, Nova Scotia	111	Calgary	112	Vancouver
113	Vancouver	114	Surrey	115	Winnipeg	116	Brandon
117	Moncton	118	Saint John	119	St. John's	120	Yellowknife

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