



*Near Field Communication controller

RoHS
Compliant

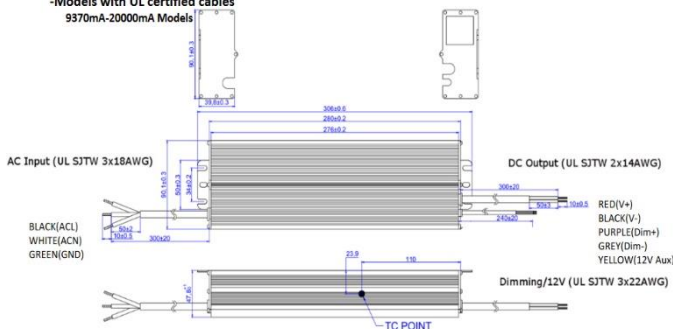


**HIGH INPUT
VOLTAGE MODEL**

- Power Rating: 680W
- Input Voltage: 277-480Vac
- CC & CV (Constant Power Output)
- Output Current (400mA-20000mA)
- Output programmable w/ Near Field controller
- Efficiency to 95%
- Compatible with 0-10V, PWM, Timer, Dim-to-off option, Isolated Dimming, 12V/200mA AUX
- Optional Thermal Protection NTC
- Lightning, OVP, SCP, OTP, & Over Current Protection
- UL Class P, Type HL
- IP67
- 5-year warranty
- Surge Protection: Diff: 6kV, Common: 10kV

Mechanical Design

-Models with UL certified cables
9370mA-20000mA Models



Application Options:

- High Power Series, current programmable
- Near Field Communication Controller
- Dimming Options

Contact your Autec Technical Sales Rep today and discover if our LED Driver “The Arbiter” is the perfect solution to your unique lighting application!

Model List*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
L2HCP680S2000ST-XYZ	277-480Vac	680W	18-36V	8000mA	20000mA	95%	UL/cUL
L2HCP680S1420ST-XYZ	277-480Vac	680W	25-48V	5700mA	14200mA	95%	UL/cUL
L2HCP680S1250ST-XYZ	277-480Vac	680W	28-56V	5000mA	12500mA	95%	UL/cUL
L2HCP680S937ST-XYZ	277-480Vac	680W	38-80V	3750mA	9370mA	95%	UL/cUL
L2HCP680S536ST-XYZ	277-480Vac	680W	67-140V	2140mA	5360mA	95%	UL/cUL
L2HCP680S428ST-XYZ	277-480Vac	680W	84-180V	1710mA	4280mA	95%	UL/cUL
L2HCP680S313ST-XYZ	277-480Vac	680W	115-240V	1250mA	3130mA	95%	UL/cUL
L2HCP680S250ST-XYZ	277-480Vac	680W	144-300V	1000mA	2500mA	95%	UL/cUL
L2HCP680S200ST-XYZ	277-480Vac	680W	180-375V	800mA	2000mA	95%	UL/cUL
L2HCP680S160ST-XYZ	277-480Vac	680W	225-460V	400mA	1600mA	95%	UL/cUL

Applications:

- Indoor and Outdoor use
- Greenhouse & horticultural
- Industrial grade

Packing:

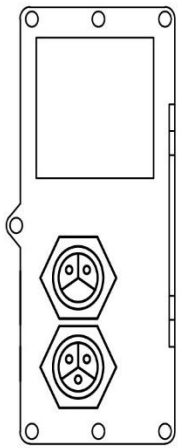
- Unit Weight: 2.25kg
- 4pcs/Carton
- Carton Weight/Dims: 9.2kg (382x277x141mm)
- #Cartons/pallet: TBA

**AUTEC PANEL MOUNTED CONNECTORS FOR HIGH
POWER LED DRIVERS IN 320W, 400W, 600W, 680W, 1200W,
AND 1400W SINGLE CHASSIS SOLUTION, FULLY POTTED
IP67 UNITS WITH WATERPROOF CONNECTORS.
AVAILABLE IN 90-305VAC INPUT AND 277-347-480VAC
INPUT CONFIGURATION, UL CLASS "P"**

**YOU CAN GROW WITH AUTEC!
AUTEC POWER SYSTEMS
YOUR HIGH-POWER SPECIALIST SINCE 1989**

90.1±0.3

39.8±0.3



306±0.6

280±0.2

276±0.2

90.1±0.3

50±0.3

34±0.2

47.8+/-10

23.9

110

TC POINT

		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE	
				DRAWN		
				CHECKED		
				ENG APPR.		
				MFG APPR.		
		MATERIAL		Q.A.		TITLE:
				COMMENTS:		L2WCP680 / L2HCP680 SERIES
NEXT ASSY	USED ON	FINISH				PANEL MOUNT DWG
APPLICATION		DO NOT SCALE DRAWING				SIZE A
						DWG. NO.
						REV.
						SCALE:
						WEIGHT:
						SHEET OF