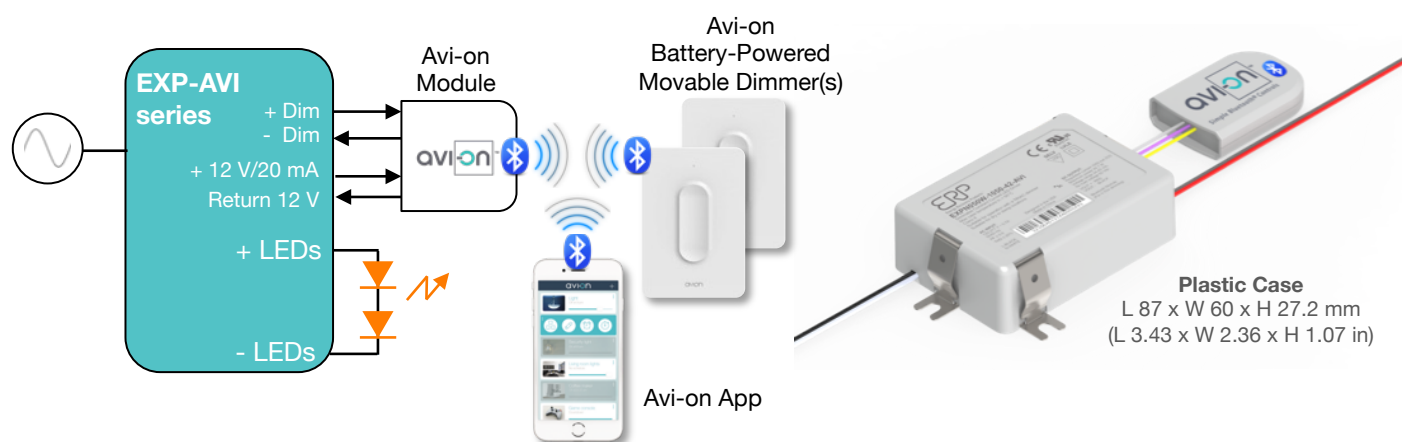


## Wireless Avi-on Bluetooth® Smart Mesh Integrated Constant Current Driver

Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range
120 to 277 Vac	30 W	30 to 42 Vdc	700, 1050 mA CC	up to 82% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Bluetooth	1 - 100% (% of Iout)



### AVI-ON BLUETOOTH MESH SOLUTION

- Wireless lighting controls with simple set-up that anyone can use
- Pre-integrated Bluetooth Smart + CSRmesh module enables brands to create multi-way controls and switching without additional wiring; no central gateway required
- Utility grade, secure, reliable mobile app & software
- Dimming, grouping, many users, schedules, timers
- Virtually unlimited range with mesh
- Download for free, additional services available
- Compatible with large ecosystem of products from major brands
- Avi-on battery-powered movable dimming switches available to complete the turnkey solution



### FEATURES

- EXPN030W-0700-42-AVI and EXPN050W-1050-42-AVI incorporates a fully compliant Bluetooth® Smart Mesh module from Avi-on labs ([www.avi-on.com](http://www.avi-on.com))
- Complies with ENERGY STAR®, DLC (DesignLight Consortium®) and CA Title 24 technical requirements
- Dims to off
- 90°C maximum case hot spot temperature
- Class 2 power supply



CA Title 24



ERP Part Number	Nominal Input Voltage (Vac)	Iout (mA)	Max Output Power (W)	Output Voltage Range (Vdc)		Dimming	Comments
				Min	Max		
EXPN030W-0700-42-AVI	120 - 277	700	29.4	30	42	Bluetooth	With Bluetooth Mesh module from Avi-on Labs
EXPN050W-1050-42-AVI	120 - 277	1050	44.1	30	42	Bluetooth	With Bluetooth Mesh module from Avi-on Labs

For additional options of output current and output voltage, contact your sales representative or send an email to: [SaveEnergy@erp-power.com](mailto:SaveEnergy@erp-power.com).



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