

Issue 20170410 – April 2017

# SENG-1-4834-250



smartengine, Generation 3, 200–250 Vac

## GENERAL SPECIFICATIONS

<b>Brand</b> .....	smartengine
<b>Generation</b> .....	3
<b>Product Type</b> .....	Engine
<b>Application</b> .....	Powers and communicates with smartgateways, sensors, and wall switches   Provides communications and control for all types of lighting
<b>Includes</b> .....	smartengine operating system
<b>LED Indicators</b> .....	Channel status   Network activity   Power
<b>Marketing Feature</b> .....	Link multiple engines together to power and control thousands of fixtures   Significantly reduces energy consumption
<b>Mount Type</b> .....	Rack   Wall
<b>Package Quantity</b> .....	1   Rack mount kit   7 Feet Blue Pepper
<b>Rack Type</b> .....	EIA 19 in
<b>Rack Units</b> .....	1.5
<b>Storage</b> .....	Nonvolatile memory for configuration

## DIMENSIONS

<b>Depth</b> .....	555.75 mm   21.88 in
<b>Height</b> .....	63.50 mm   2.50 in
<b>Width</b> .....	441.96 mm   17.40 in
<b>Front Clearance Required, min.</b> ..	152.40 mm   6.00 in
<b>Back Clearance Required, min.</b> ..	152.40 mm   6.00 in
<b>Weight</b> .....	10.43 kg   23.00 lb

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## LED-DRIVER SPECIFICATIONS

**Power/Data Ports, qty** ..... 48  
**Driver Efficiency, max.** ..... 83%  
**Output Current per Port** ..... 100-700 mA  
**Output Power per Port, max.**..... 34 W  
**Output Voltage Range per Port** ... 18-53 Vdc  
**Power Dimming Range**..... 10-100%  
**Power Dissipation**..... 375 W | 1280 Btu/h  
**Power Factor** ..... 0.99 @ 200-250 Vac

## MECHANICAL SPECIFICATIONS

**Communications Port Interface**... RJ45  
**Communications Ports, qty** ..... 2  
**Power Cord Connector Interface** . IEC 60320-C19

## ELECTRICAL SPECIFICATIONS

**ANSI/TIA Category** ..... 5e | 6 | 6A  
**Input Voltage** ..... 200-220 Vac/12A | 230-250 Vac/10A  
**Power Consumption, max.**..... 2200 W  
**Power Frequency** ..... 50-60 Hz

## ENVIRONMENTAL SPECIFICATIONS

**Cooling** ..... 3 internal fans  
**Environmental Space**..... Indoor  
**Operating Humidity** ..... 10%-80%, non-condensing  
**Operating Temperature** ..... 0°C to +50°C (+32°F to +122°F)  
**Storage Humidity** ..... 5%-95%, non-condensing  
**Storage Temperature** ..... -20°C to +70°C (-4°F to +158°F)  
**Safety Standard**..... AS/NZS CISPR 22 | C-tick | c-UL-us | CE | CEC Title 24-2008 |  
 IEC 60950 | IEC 61000-4.5 | NEC Article 725 Class 2 | UL 60950 |  
 UL 924 | UL-us | US FCC Part 15, Class A  
**Safety Standard Note** ..... Only engines with a 15-digit serial number and factory installed Software  
 Version 3.2.0 or later are UL 924 tested and certified

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## REGULATORY COMPLIANCE/CERTIFICATIONS

Agency	Classification
RoHS 2011/65/EU	Compliant

