



smartengine

Generation 3GS
250 Vac

GENERAL SPECIFICATIONS

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

DIMENSIONS

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

LED-DRIVER SPECIFICATIONS

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|--------------------------------------|--------------------|
| Power/Data Ports, qty | 48 |
| Driver Efficiency, max. | 88% |
| 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 | 264 W 900 BTU/hr |
| 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 |

SENG-2-4834-250

REGULATORY COMPLIANCE/CERTIFICATIONS

| Agency | Classification |
|-----------------|----------------|
| RoHS 2011/65/EU | Compliant |

