

SPECIFICATIONS



COMMUNICATIONS

- Maximum RF range: Up to 400 m (1,312 ft.) – open air
- Protocols: Proprietary bi-directional radio protocol
- Modulation and frequency: FSK modulation:
 - 869.225 MHz (Europe)
 - 868.3 MHz (China)
 - 916.5 MHz (North America and Australia)
 - 916.3 MHz (Israel)
- Data security: 32-bit ID, over 4 billion combinations

POWER

- Battery: Lithium 3 V CR2450
- Approved manufacturers: Panasonic and Energizer
- Battery life: Up to five years

DIMENSIONS

- Size (Diameter x W): 42 x 16 mm (1.65 x 0.63 in.)
- Weight: 23 g (0.81 oz.) including battery and excluding lanyard

ENVIRONMENT

- Operating ambient temperature range: -10oC - 55oC (14oF - 131oF)
- Storage ambient temperature range: -20°C - 70°C (-4°F - 158°F)
- Operating humidity: Up to 93% non-condensing
- Water and dust resistant: IP67

PATENTS

- US8206325 and US9005141 (under license). Other patents pending.

CERTIFICATIONS and APPROVALS

- FCC, IC
- CE
- UL1637
- EN 50134-2

PART NUMBER: ES700EPPJ