

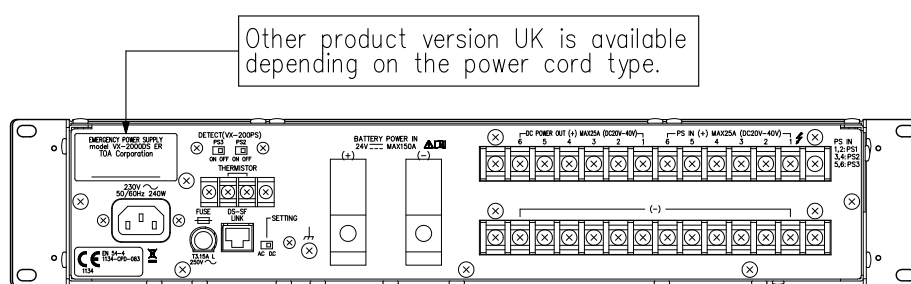
## DESCRIPTION

The VX-2000DS Emergency Power Supply Unit supplies the DC power to each equipment in the VX-2000 system by connecting the VX-200PS Power Supply Unit. It keeps the battery unit that contains 2 × 12 V sealed lead batteries charged compensating for the temperature of the battery charging voltage. When the DC power supply from the VX-200PS stops, the VX-2000DS is automatically switched to the backup battery.

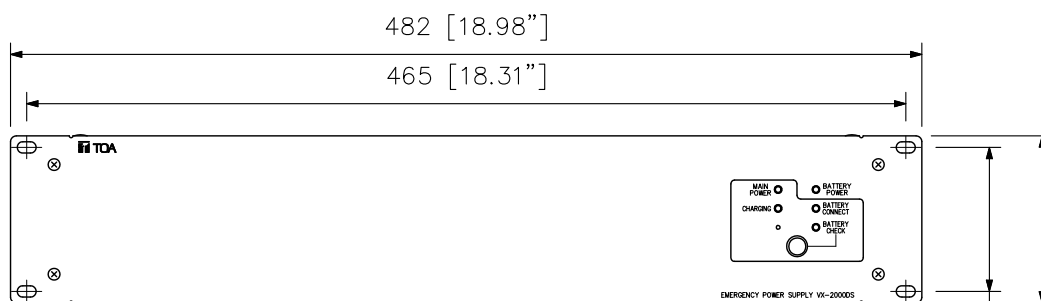
## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Source            | 230 V AC, 50/60 Hz                                                                                                                                                                                                                                                                  |
| Power Consumption       | 240 W max.                                                                                                                                                                                                                                                                          |
| Applicable Battery      | Panasonic LC-X1265PG/APG (65 Ah)                                                                                                                                                                                                                                                    |
| Charging Method         | Trickle charging                                                                                                                                                                                                                                                                    |
| Charging Current        | 5 A max.                                                                                                                                                                                                                                                                            |
| Charging Output Voltage | 27.3 V ±0.3 V (at 25 °C (77 °F))<br>Temperature correction coefficient: -40 mV/°C                                                                                                                                                                                                   |
| Power Supply Input      | 6 M4 screw terminal, distance between barriers: 11 mm (0.43")                                                                                                                                                                                                                       |
| DC Power Output         | 6 (25 A max. each) M4 screw terminal, distance between barriers: 11 mm (0.43")                                                                                                                                                                                                      |
| Control Connector       | RJ45 female connector for connecting the VX-2000SF Surveillance Frame.<br>Twisted-pair straight cable (TIA/EIA-568A standard)<br>Type of control signal: Battery check, AC power status, DC power status, charging circuit failure, and battery failure                             |
| Battery Connection      | 1 pair of positive and negative terminals<br>Applicable cable diameter: AWG 6 – AWG 0 (1/0) (Line resistance within 4 mΩ/total)<br>Cross sectional area: 16 – 50 mm <sup>2</sup>                                                                                                    |
| Operating Temperature   | 0 °C to +40 °C (32 °F to 104 °F)                                                                                                                                                                                                                                                    |
| Finish                  | Panel: Surface-treated steel plate, black, 30 % gloss, paint                                                                                                                                                                                                                        |
| Dimensions              | 482 (W) × 88.4 (H) × 377.6 (D) mm (18.98" × 3.48" × 14.87")                                                                                                                                                                                                                         |
| Weight                  | 10.5 kg (23.15 lb)                                                                                                                                                                                                                                                                  |
| Accessory               | Rack mounting screw ×4, Fiber washer ×4, Blade fuse (40 A) ×3,<br>Fuse (T3.15A L) ×1, Power cord (2 m (6.56 ft)) ×1, Insulating sheet ×1,<br>Attention label (German) ×1, Fastener hook ×4, Fastener loop ×4<br>Sticker (Declaration of compliance) ×1, Thermal insulating sheet ×1 |
| Fuse Rating             | Blade fuse (40 A), Blade fuse (7.5 A), Fuse (T3.15A)                                                                                                                                                                                                                                |
| Internal Resistance     | Maximum internal resistance of the battery and its associated circuitry,<br>Ri max: 50 mΩ                                                                                                                                                                                           |
| Current Specification   | Maximum output current draw from the battery: 43.5 A<br>Rated maximum continuous output current, I max a: 43.5 A<br>Rated maximum short duration output current, I max b: 43.5 A<br>Rated minimum output current, I min: 0 A                                                        |
| Cable Specification     | Recommended cable parameter for DS-SF Link:<br>Twisted-pair straight cable (TIA/EIA-568A standard)                                                                                                                                                                                  |

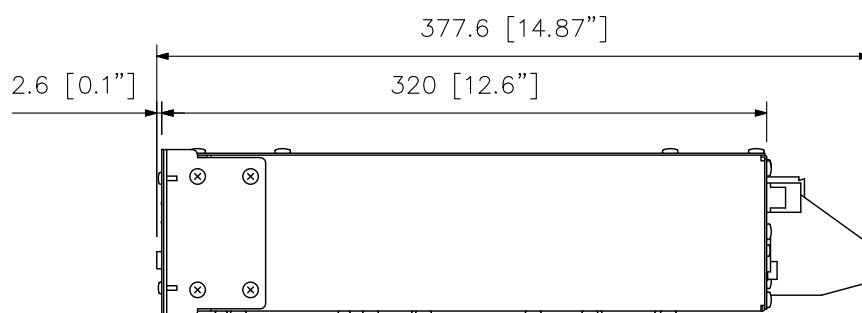
| Model   | ER                                                                                | UK                                                                                |
|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| AC plug |  |  |



Rear View



Front View



Side View

UNIT:mm SCALE:1/4