

**DESCRIPTION**

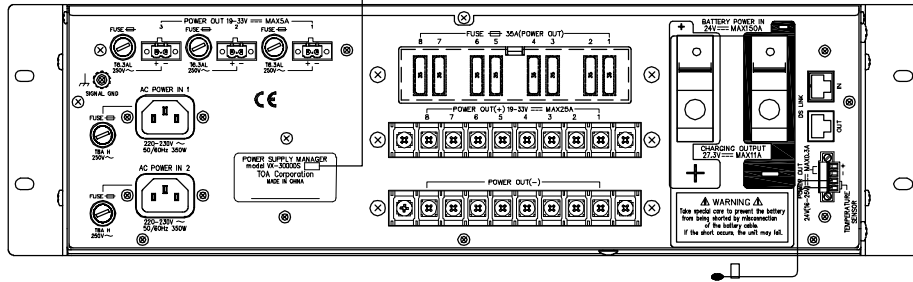
The VX-3000DS is an Emergency Power Supply Manager used for the SX-2000, VX-2000 and VM-3000 systems. It is a 3U rack-mount unit equipped with a battery charger and dual switching power supplies, which contribute to rack space, energy-saving and lightweight design. The VX-3000DS features easy maintenance as function setting switch and shutdown switch inside the front panel, and fuse replacement can be performed on the unit's rear side.

**SPECIFICATIONS**

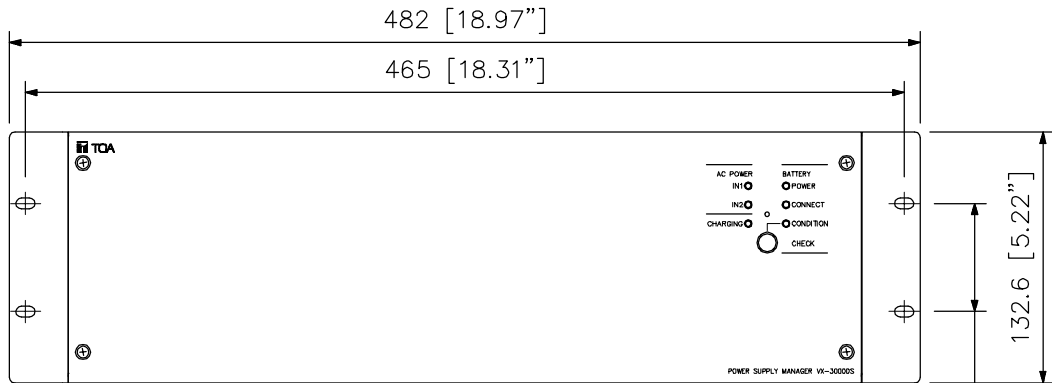
|                                  |  |
|----------------------------------|--|
| Power Source                     | 220-230 V AC, 50/60 Hz   |
| Power Consumption                | 2800 W max in total (at rated output with charging)<br>650 W max in total, 350 W max each (EN60065)  |
| DC Power Output (AC mode)        | Rated output: 2300 W (total DC power output)<br>Peak output: 2780 W (total DC power output)  |
| Current Specification            | Maximum output current from the battery: 50 A<br>Rated maximum continuous output current, I max. a: 50 A<br>Rated maximum short duration output current, I max. b: 50 A<br>Rated minimum output current, I min: 0 A<br>Ripple Voltage at I max. b: 4 V max   |
| DC Power Output                  | 8 x 31 V (19-33 V) 25 A max. each, M4 screw terminal, distance between barriers: 11 mm (0.43")<br>3 x 31 V (19-33 V) 5 A max. each, removable terminal block (3 x 2 pins)<br>1 x 24 V (16-25 V) 0.3 A max., removable terminal block (1 x 2 pins)  |
| Charging Method                  | Temperature compensated trickle charging   |
| Charging Output Voltage          | 27.3 V $\pm$ 0.3 V (at 25 °C (77 °F))<br>Temperature correction coefficient: -40 mV/°C   |
| Battery Connection               | 1 pair of positive and negative terminals<br>Applicable cable diameter: AWG 6 - AWG 0 (AWG 1/0) (16 mm <sup>2</sup> - 50 mm <sup>2</sup> )<br>Line resistance within 4 m $\Omega$ /total   |
| Applicable Battery               | Panasonic: LC-X1265PG/APG (65 Ah), LC-XA12100P (100 Ah)<br>Yuasa: NP65-12 (65 Ah), NPL100-12 (100 Ah)  |
| Control Connector DS LINK IN/OUT | RJ45 female connector for connecting the system and cascade connection<br>Shielded Twisted-pair straight cable (TIA/EIA-568A standard)<br>Type of control signal: Battery check, AC power status, DC Power status, charging circuit failure, battery failure, and communication  |
| Panel Indicator                  | AC power IN 1, IN 2 (Green), Charging (Green), Battery power (Green), Battery connect (Green), Battery condition (Green)   |
| Operating Temperature            | -5 °C to +45 °C (23 °F to 113 °F)  |
| Operating Humidity               | 90 %RH or less (no condensation)   |
| Finish                           | Panel: Surface-treated steel plate, black, 30% gloss, paint  |
| Dimensions                       | 482 (W) x 132.6 (H) x 400.5 (D) mm (18.98" x 5.22" x 15.77")   |
| Weight                           | 11.8 kg (26.01 lb)   |
| Accessory                        | Fuse (T8A H) $\times$ 2, Fuse (T6.3A L) $\times$ 2, Blade fuse (35 A) $\times$ 2,<br>Rack mounting screw (with washer) $\times$ 4, Power cord (2 m (6.56 ft)) $\times$ 2,<br>Fastener hook $\times$ 4, Fastener loop $\times$ 4, Thermal insulating sheet $\times$ 1,<br>CAT5-STP cable (3 m (9.84 ft)) $\times$ 1, Ferrite clamp $\times$ 1 |
| Fuse Rating                      | Blade fuse (35 A), Fuse (T8A H), Fuse (T6.3A L)  |

■ APPEARANCE

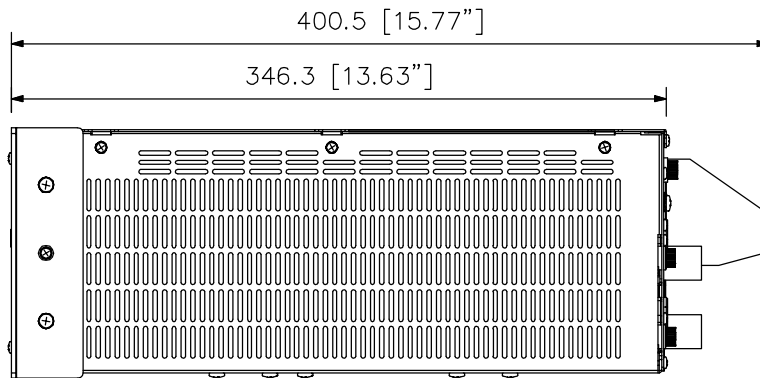
|            |    |       |
|------------|----|-------|
| Version    | CE | CE-GB |
| Indication | CE | CE-GB |
| AC plug    |    |       |



Rear View



Front View



Side View

UNIT:mm SCALE:1/4