

POWER SUPPLY MANAGER

■ 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

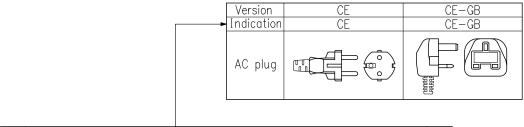
Power Source	220-230 V AC, 50/60 Hz
Power Consumption	2800 W max in total (at rated output with charging)
, '	650 W max in total, 350 W max each (EN62368-1)
DC Power Output	Rated output: 2300 W (total DC power output)
(AC mode)	Peak output: 2780 W (total DC power output)
Current Specification	Maximum output current from the battery: 50 A
, in the second	Rated maximum continuous output current, I max. a: 50 A
	Rated maximum short duration output current, I max. b: 50 A
	Rated minimum output current, I min: 0 A
	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,
, i	distance between barriers: 11 mm (0.43")
	3 x 31 V (19—33 V) 5 A max. each, removable terminal block (3 × 2 pins)
	1 x 24 V (16-25 V) 0.3 A max., removable terminal block (1 × 2 pins)
Charging Method	Temperature compensated trickle charging
Charging Output Voltage	27.3 V ±0.3 V (at 25 °C (77 °F))
	Temperature correction coefficient: −40 mV/°C
Battery Connection	1 pair of positive and negative terminals
	Applicable cable diameter: AWG 6 - AWG 0 (AWG 1/0) (16 mm² - 50 mm²)
	Line registance within 4 m Ω /total
Applicable Battery	Panasonic: LC-X1265PG/APG (65 Ah), LC-XA12100P (100 Ah)
	Yuasa: NP65-12 (65 Ah), NPL100-12 (100 Ah)
Control Connector	RJ45 female connector for connecting the system and cascade connection
DS LINK IN/OUT	Shielded Twisted—pair straight cable (TIA/EIA—568A standard)
	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" × 5.22" × 15.77")
Weight	11.8 kg (26.01 lb) Fuse (T8A H) ···2, Fuse (T6.3A L) ···2, Blade fuse (35 A) ···2,
Accessory	
	Rack mounting screw (with washer)4, Power cord (2 m (6.56 ft))2,
	Fastener hook4, Fastener loop4, Thermal insulating sheet1,
Fues Pating	CATS—STP cable (3 m (9.84 ft))1, Ferrite clamp1
Fuse Rating	Blade fuse (35 A), Fuse (T8A H), Fuse (T6.3A L)

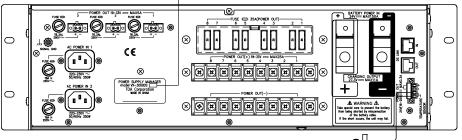


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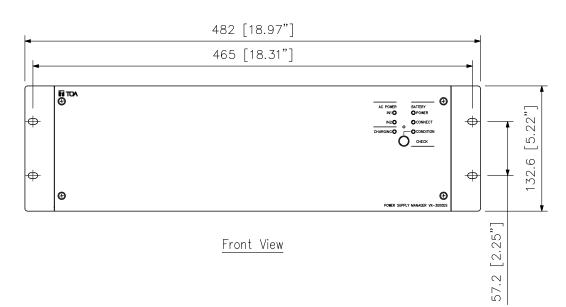
VX-3000DS(CE/CE-GB)

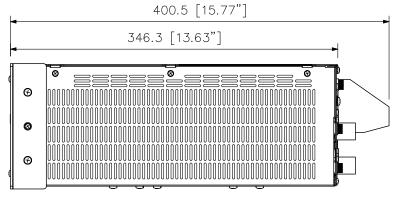
APPEARANCE





Rear View





Side View

UNIT: mm SCALE: 1/4