



QUANTUM

QUANTUM ELECTRONICS CORPORATION

No. 117 Tirad Pass Street, Caloocan City, Metro Manila

Telephone: +63(2) 363-4075 363-4077 363-5573

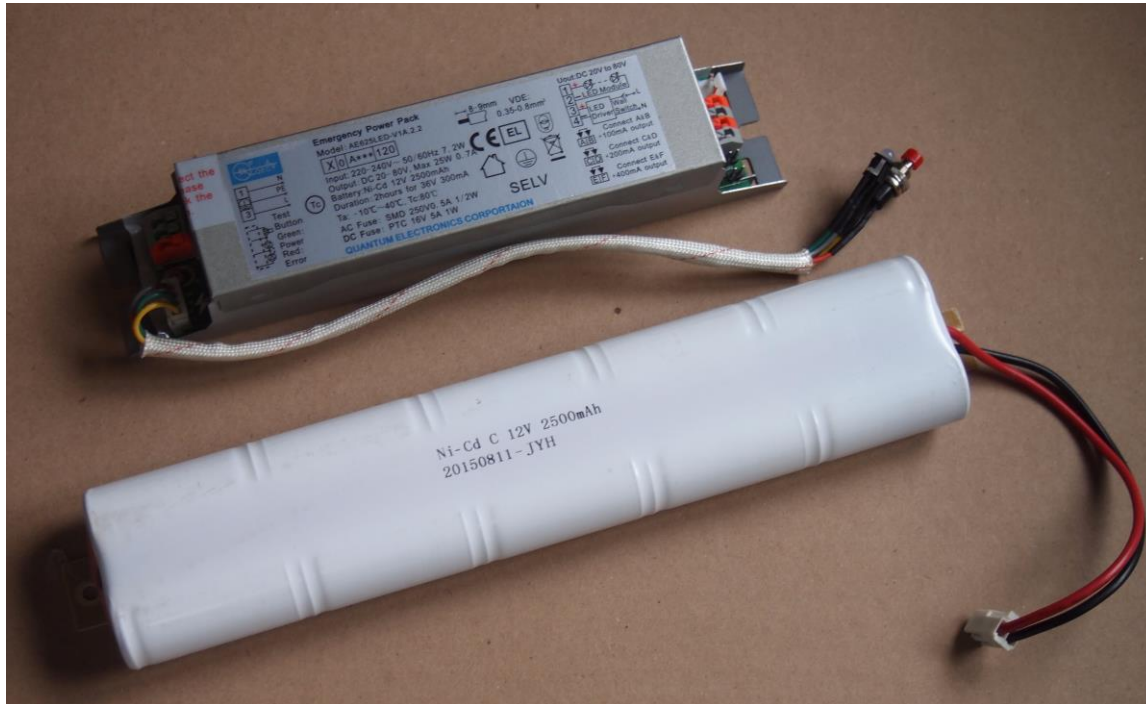
FAX No. 363-8087 e-mail: quantum_corp@yahoo.com.ph

Website: URL: <http://www.quantumelectronics.com>



Membership Certificate No. 03-08

AE625LED Self-Contained Emergency Power Pack



Model: AE625-LED

The AE625-LED Series Emergency Lighting Module is Quantum's specially designed battery back-up exclusively for medium and high power LED down lights. The module consists of an automatic constant current Nickel Cadmium charger and specially designed Inverter circuits to safely drive various types of external driver (ED) LED lighting source.



QUANTUM

QUANTUM ELECTRONICS CORPORATION

No. 117 Tirad Pass Street, Caloocan City, Metro Manila

Telephone: +63(2) 363-4075 363-4077 363-5573

FAX No. 363-8087 e-mail: quantum_corp@yahoo.com.ph

Website: URL: <http://www.quantumelectronics.com>



Membership Certificate No. 03-08

Special Features

- ❑ Compact dimensions – 200mm x 40mm x 34mm (typical size)
- ❑ Suitable for various types of external driver (ED) LED Lighting load
- ❑ Flexible application for other types of low power LED driver unit
- ❑ Low, Medium, High output selectable by shorting pin assignment
- ❑ Red LED indicator to monitor the charging status of the Ni-Cd Battery Pack
- ❑ Compliance with the *EN61347-1 and EN61347-2-7* International Standards

Technical Specifications

Input Voltage : 230VAC 50/60 Hz

Protection Mode : Over-load Protection & Short Circuit

LED fault indicator : Flashing yellow LED

LED Lighting load : LED down lights with external driver

Charging Indicator : 5Ømm red LED

Switching Speed : < 0.30 second

Conditional Warranty : One Year Parts & LIFETIME FREE SERVICE

Model	AE625-LED
Load (driver)	48V LED Down Light up to 200W
Battery Specification	Ni-Cd 12V 2.5Ah
DC Output	DC 20V ~ 80V 100mA ~ 200mA ~ 400mA
Operating Temperature	0 to 40 °C
Trickle Charge Current	80mA
Emergency Lighting Duration	> 2 hours at 36V 300mA
Charging Time	36~48 hours
AC Fuse	SMD 250V 0.50A 0.5W
DC Fuse	PTC 16V 5A 1W
Overload Protection	Yes
Short Circuit Protection	Yes

Design and Upgraded Specifications are Subject to Change Without Prior Notice