



**COMPREHENSIVE RANGE**  
**T5 Series**

**SELF-CONTAINED EMERGENCY LIGHTING CONVERSION KITS  
MODULES AND SEALED NICKEL METAL HYDRIDE (NI-MH) BATTERY PACKS FOR  
2 AND 3 HOURS DURATION - MAINTAINED TYPE**

兩小時及三小時應急電池套件 - 長明式：包括 電子中樞(轉換/充電器)、鎳氫電池。

**SPECIFICATION & TECHNICAL DATA**

規格及技術資料

MODEL 套件型號		JF8NH2	JF14NH2	JF21NH2	JF28NH2	JF35NH2
Wattage 適用瓦數	(W)	8W	14W	21W	28W	35W
Battery Capacity & Voltage 電池容量及電壓		5x1.8AH, 6V	5x1.8AH, 6V	5x1.8AH, 6V	8x1.8AH, 9.6V	8x2.5AH, 9.6V
Battery Configuration 電池排列方式		Side by side pack				
Main Voltage / Frequency 市電(交流電)輸入電壓 / 頻率	(V)	A/C 220V (+/- 10%) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		100 lumens	270 lumens	420 lumens	580 lumens	730 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

MODEL 套件型號		JF8NH3	JF14NH3	JF21NH3	JF28NH3	JF35NH3
Wattage 適用瓦數	(W)	8W	14W	21W	28W	35W
Battery Capacity & Voltage 電池容量及電壓		5x2.5AH, 6V	5x2.5AH, 6V	8x2.5AH, 9.6V	8x2.5AH, 9.6V	8x4AH, 9.6V
Battery Configuration 電池排列方式		Side by side pack				
Main Voltage / Frequency 市電(交流電)輸入電壓 / 頻率	(V)	A/C 220V (+/- 10%) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		100 lumens	270 lumens	420 lumens	580 lumens	730 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

Option: Emergency conversion units are modified to suit for A.C. 110V.



ISO9001:2008  
Certificate No: FM56403



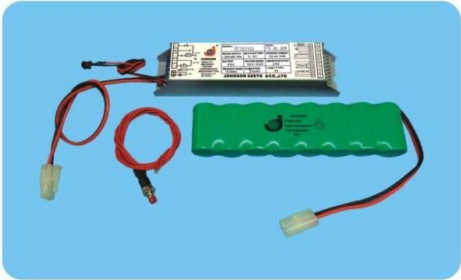
JF14NH2



JF14NH3



JF28NH2



JF28NH3

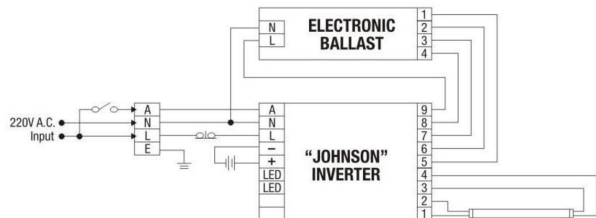


JF35NH2



JF35NH3

Wiring Diagram:





**EXTRA 30 RANGE**  
**T5 Series**

**SELF-CONTAINED EMERGENCY LIGHTING CONVERSION KITS  
MODULES AND SEALED NICKEL METAL HYDRIDE (NI-MH) BATTERY PACKS FOR  
2 AND 3 HOURS DURATION - MAINTAINED TYPE**

兩小時及三小時應急電池套件 - 長明式：包括 電子中樞(轉換/充電器)、鎳氫電池。

**SPECIFICATION & TECHNICAL DATA**

規格及技術資料

MODEL 套件型號		JF8NH2-30P	JF14NH2-30P	JF21NH2-30P	JF28NH2-30P	JF35NH2-30P
Wattage 適用瓦數	(W)	8W	14W	21W	28W	35W
Battery Capacity & Voltage 電池容量及電壓		5x2.5AH, 6V	8x2.5AH, 9.6V	10x2.5AH, 12V	10x2.5AH, 12V	15x2.5AH, 18V
Battery Configuration 電池排列方式		Side by side pack				
Main Voltage / Frequency 市電(交流電)輸入電壓 / 頻率	(V)	A/C 220V ( + / - 10% ) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		150 lumens	425 lumens	650 lumens	880 lumens	1100 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

MODEL 套件型號		JF8NH3-30P	JF14NH3-30P	JF21NH3-30P	JF28NH3-30P	JF35NH3-30P
Wattage 適用瓦數	(W)	8W	14W	21W	28W	35W
Battery Capacity & Voltage 電池容量及電壓		5x4AH, 6V	8x4AH, 9.6V	10x4AH, 12V	10x4AH, 12V	15x4AH, 18V
Battery Configuration 電池排列方式		Side by side pack				
Main Voltage / Frequency 市電(交流電)輸入電壓	(V)	A/C 220V ( + / - 10% ) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		150 lumens	425 lumens	650 lumens	880 lumens	1100 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours for 2 hours discharge, 24 hours for 3 hours discharge				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

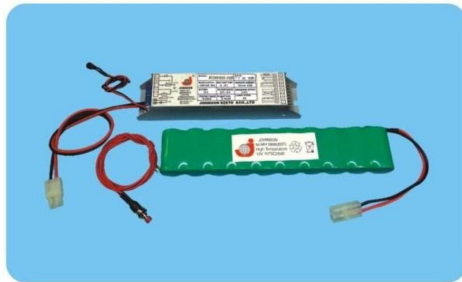
Option: Emergency conversion units are modified to suit for A.C. 110V.



ISO9001:2008  
Certificate No:FM56403



JF14NH2-30P



JF28NH2-30P



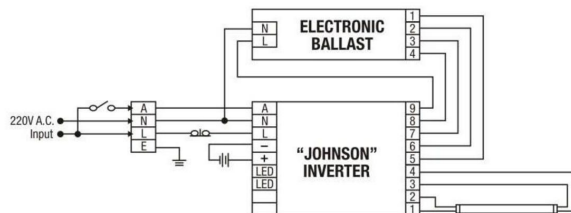
JF14NH3-30P



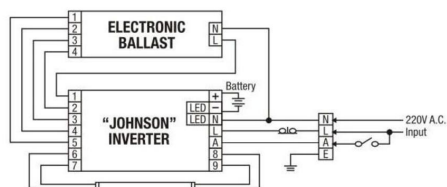
JF28NH3-30P

Wiring Diagram:

6V, 9.6V, 12V Electronic Ballast (電子牛)



18V Electronic Ballast (電子牛)





**EXTRA 50 RANGE  
T5 Series**

**SELF-CONTAINED EMERGENCY LIGHTING CONVERSION KITS  
MODULES AND SEALED NICKEL METAL HYDRIDE (NI-MH) BATTERY PACKS FOR  
2 HOURS DURATION - MAINTAINED TYPE**

兩小時應急電池套件 - 長明式：包括 電子中樞(轉換/充電器) 鎳氫電池。

**SPECIFICATION & TECHNICAL DATA**

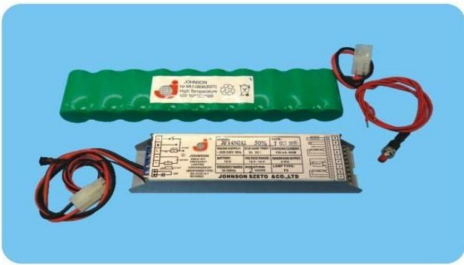
規格及技術資料

MODEL 套件型號		JF8NH2-50P	JF14NH2-50P	JF21NH2-50P	JF28NH2-50P	JF35NH2-50P
Wattage 適用瓦數	(W)	8W	14W	21W	28W	35W
Battery Capacity & Voltage 電池容量及電壓		8x1.8AH, 9.6V	10x2.5AH, 12V	15x2.5AH, 18V	15x2.5AH, 18V	15x2.5AH, 18V
Battery Configuration 電池排列方式		Side by side pack				
Main Voltage / Frequency 市電(交流電)輸入電壓 / 頻率	(V)	A/C 220V (+ / - 10%) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		220 lumens	750 lumens	1100 lumens	1500 lumens	1850 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours				
Low Voltage Protection 低壓截止保護線路		Electronic Protection				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

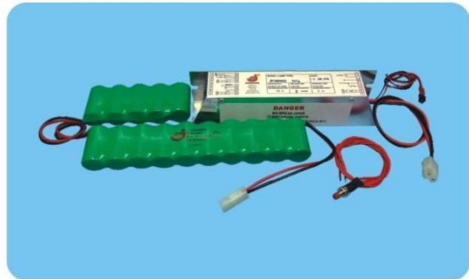
MODEL 套件型號		JF8NH3-50P	JF14NH3-50P	JF21NH3-50P	JF28NH3-50P	JF35NH3-50P
Wattage 適用瓦數	(W)	8W	14W	21W	28W	35W
Battery Capacity & Voltage 電池容量及電壓		8x2.5AH, 9.6V	10x4AH, 12V	15x4AH, 18V	15x4AH, 18V	15x4AH, 18V
Battery Configuration 電池排列方式		Side by side pack				
Main Voltage / Frequency 市電(交流電)輸入電壓	(V)	A/C 220V (+ / - 10%) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		220 lumens	750 lumens	1100 lumens	1500 lumens	1850 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours for 2 hours discharge, 24 hours for 3 hours discharge				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

Option: Emergency conversion units are modified to suit for A.C. 110V.

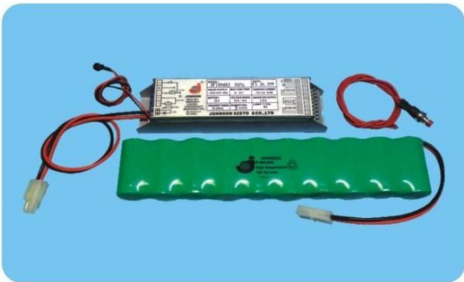




JF14NH2-50P



JF28NH2-50P



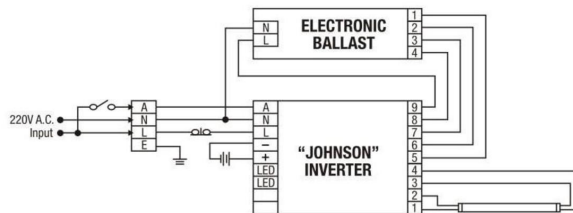
JF14NH3-50P



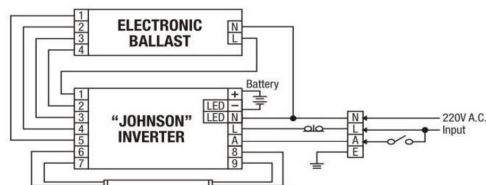
JF28NH3-50P

Wiring Diagram:

9.6V, 12V Electronic Ballast (電子牛)



18V Electronic Ballast (電子牛)





**HIGH OUTPUT RANGE  
T5 Series**

**SELF-CONTAINED EMERGENCY LIGHTING CONVERSION KITS  
O MODULES AND SEALED NICKEL METAL HYDRIDE (NI-MH) BATTERY PACKS FOR  
2 AND 3 HOURS DURATION - MAINTAINED TYPE**

兩小時及三小時應急電池套件 - 長明式：包括 電子中樞(轉換/充電器)、鎳氫電池。

**SPECIFICATION & TECHNICAL DATA**

規格及技術資料

MODEL 套件型號		JF24NH2	JF39NH2	JF49NH2	JF54NH2	JF80NH2
Wattage 適用螢光管瓦數	(W)	24W	39W	49W	54W	80W
Battery Capacity & Voltage 電池容量及電壓		5x2.5AH, 6V	10x2.5AH, 12V	10x2.5AH, 12V	10x2.5AH, 12V	10x2.5AH, 18V
Battery Configuration 電池排列方式		Side by side or Stick pack				
Main Voltage / Frequency 市電(交流電)輸入電壓 / 頻率	(V)	A/C 220V (+ / - 10%) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		450 lumens	800 lumens	900 lumens	900 lumens	1200 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

MODEL 套件型號		JF24NH3	JF39NH3	JF49NH3	JF54NH3	JF80NH3
Wattage 適用螢光管瓦數	(W)	24W	39W	49W	54W	80W
Battery Capacity & Voltage 電池容量及電壓		5x4AH, 6V	10x4AH, 12V	10x4AH, 12V	10x4AH, 12V	10x4AH, 18V
Battery Configuration 電池排列方式		Side by side or Stick pack				
Main Voltage / Frequency 市電(交流電)輸入電壓 / 頻率	(V)	A/C 220V (+ / - 10%) / 50Hz				
Emergency Starting Time 套件緊急照明啟動時間	(sec.)	<0.3				
Emergency Output 緊急照明輸出流明		450 lumens	800 lumens	900 lumens	900 lumens	1200 lumens
Operating Frequency 套件運作頻率	(kHz)	25~28				
Operating Temperature 套件運作環境溫度	(ta)	0°C - 55 °C				
Minimum Recharging Time 電池充滿所需時間	(h)	12 hours for 2 hours discharge, 24 hours for 3 hours discharge				
Low Voltage Protection 低壓截止保護線路		Electronic Protection (approx. 1V / cell)				
Compliance To 達致認可標準		BS 5266-1, BS EN 61347-2-7, BS EN 60598-2-22 and FSD PPA/104A(4th Revision)				
Guarantee Period 保用期	(M)	12 months				

Option: Emergency conversion units are modified to suit for A.C. 110V.



JF24NH2



JF24NH3



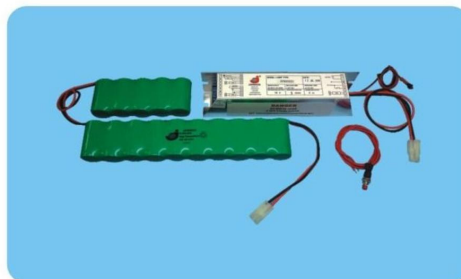
JF54NH2



JF54NH3

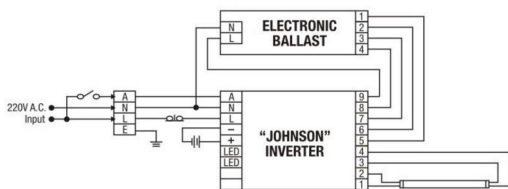


JF80NH2

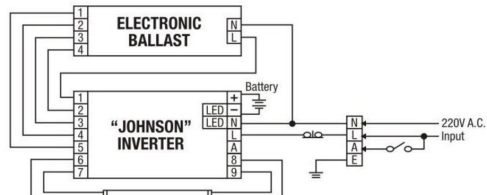


JF80NH3

Wiring Diagram:



6V, 12V Electronic Ballast (電子牛)



18V Electronic Ballast (電子牛)