

# POWER WAVE® S700

靈活配置 無限可能



## 主要特點

Power Wave S700適用於高電流與高占空比應用。建議使用1/16 inch (1.6mm) 或更大線徑。Power Wave S700的輸出範圍廣 (20 – 900A)，用於半自動、硬體自動化與機械手臂應用都有絕佳的性能表現。

- 靈活的輸入電壓選擇 – 200-575 VAC, 3相, 50/60Hz
- 可信賴的性能 – 經惡劣環境測試及IP23等級
- 智能焊接 – 內建波形控制科技® 可於任何應用提供理想電弧

### 焊接工藝»

手電焊, TIG, MIG, Pulsed MIG, 包藥, 雙極MIG®, 碳弧氣刨, HyperFill™

### 輸出»



### 輸入»



### 焊接應用»

半自動, 自動化, 硬體自動化, 重型設備, 運輸, 製造

### 產品編號»

K3279-1, K3557-1

## 特點

### 高性能, 多功能焊接電源

- 領先業界的高電流與高占空比應用性能
- 大輸入電壓範圍全球適用(200-575 VAC, 3 相, 50/60Hz 電壓)
- 靈活配置可應用於半自動、硬體自動化及機械手臂應用
- Fan-As-Needed™ (F.A.N.) 技術於不必要時停止風扇以減少電源消耗

### 內建先進技術

- Power Wave Manager與數位Arclink® 乙太網路通訊可輕鬆配置系統與客製化
- True Energy可輕鬆獲得精準的入熱量計算。不需其他裝置或量測工具

## 科技

### CheckPoint® 生產監控

- Real-time 生產監控數據
- 功能強大的儀表板可檢視所有操作
- 數據可輕鬆輸出與分享
- 安全的雲端系統 (無硬體、無安裝)



### ArcLink 通訊

- 領先業界的系統通訊
- 起弧偵測時間快4倍
- 無需外部硬體
- 隨插隨用
- 即時程序更換

### 波形控制科技®

- 針對應用選擇波形即可獲得最佳化的電弧表現
- 大量且持續增加的特定應用波形資料庫
- 可免費輕鬆升級最新的研發波形

## 電纜

### ARCLINK®/LINC-NET™ 控制電纜

描述	訂購編號
8 ft. (2.5 m) (不含焊接電纜)	K1543-8
25 ft. (7.6 m) (不含焊接電纜)	K1543-25
50 ft. (15.2 m) (不含焊接電纜)	K1543-50
100 ft. (30.4 m) (不含焊接電纜)	K1543-100
25 ft. (7.6 m) 重型 (不含焊接電纜)	K2683-25
50 ft. (15.2 m) 重型 (不含焊接電纜)	K2683-50
100 ft. (30.4 m) 重型 (不含焊接電纜)	K2683-100

### 焊接電源電纜

描述	訂購編號
Lug to Lug, 3/0, 600A, 60% 占空比, 10 ft. (3.1 m)	K1842-10
Lug to Lug, 3/0, 600A, 60% 占空比, 35 ft. (10.7 m)	K1842-35
Lug to Lug, 3/0, 600A, 60% 占空比, 60 ft. (18.3 m)	K1842-60
Lug to Lug, 4/0, 600A, 60% 占空比, 110 ft. (33.5 m)	K1842-110
Lug to Lug, 4/0, 35 ft. (10.7 m)	K2163-35 <sup>01</sup>
Lug to Lug, 4/0, 60 ft. (18.3 m)	K2163-60 <sup>01</sup>

<sup>01</sup> 每組含兩條電纜

### 14-PIN 至14-PIN控制電纜

用於FANUC® 手臂的集成電纜	訂購編號
18 in. (0.45 m)	K1785-2
2 ft. (0.61 m)	K1785-3
4 ft. (1.2 m)	K1785-4
12 ft. (3.6 m)	K1785-12
16 ft. (4.8 m)	K1785-16
25 ft. (7.6 m)	K1785-25
40 ft. (12.2 m)	K1785-40
50 ft. (15.2 m)	K1785-50
100 ft. (30.4 m)	K1785-100
用於FANUC® 手臂外裝或硬體自動化	訂購編號
25 ft. (7.6 m)	K2709-25
50 ft. (15.2 m)	K2709-50
100 ft. (30.4 m)	K2709-100

**建議選配**

**CE 濾波器**

高電源濾波器使準Power Wave® CE 設備可符合歐洲與澳洲的EMC 標準  
 訂購編號 K2444-4



**可調節氣表與氣管**

用於CO<sub>2</sub>、氬氣或氬混和氣體氣瓶，含氣瓶壓力表、雙刻度流量表與4.3 ft. (1.3 m)氣管  
 訂購編號 K586-1



**焊接集塵系統**

林肯根據環境提供多樣化焊接集塵系統解決方案，可輕鬆於車間內行走的便攜式系統，或可提供多個焊接站使用的中央控制系統  
 參考型錄 MC08-70



**工件電壓回溯線**

如需精準偵測電弧電壓需選購  
 訂購編號  
 K940-25, 長 25 ft. (7.6 m)  
 K1811-50, 長 50 ft. (15.2 m)  
 K1811-100 (如圖示), 長 100 ft. (30.5 m)



**無線連接模組**

簡單且安全的設備連接解決方案，不需麻煩的高價電纜即可進行檢測與控制  
 訂購編號 K4352-2

**送線機選配**

**AutoDrive® 19 控制箱**

分程傳達由Power Wave® S 系列焊機至任一AutoDrive® 系列機械手臂送線驅動的送線指令，用於自動化焊接應用。不可用於Power Wave® R 系列焊機  
 訂購編號 K3004-1



**AutoDrive® 19 雙極控制箱**

分程傳達由Power Wave® S 系列焊機至任一AutoDrive® 系列機械手臂送線驅動的送線指令，用於自動化雙極焊接應用  
 訂購編號 K3171-1



**Power Feed® 84**

進階的數位送線機，提供全面的程序控制，操作簡單且堅固耐用  
 型錄參考 E8.268



**Power Feed® 25M**

進階的輕巧送線機，提供全面的程序控制，含推拉功能。設計耐用且可攜帶  
 型錄參考 E8.271



**AutoDrive® 4R220**

機械化送線系統，提供業界認可的強大送線性能；用於機械手臂及硬體自動化應用  
 參考型錄 E10.12



**AutoDrive® S**

伺服驅動機械化送線系統，內建科技可於接觸工件並縮回後起弧，起弧與送線穩定性更佳  
 參考型錄 E10.17.1



## 產品規格

產品名稱	產品編號	輸入電源 電壓/相位/赫茲	額定輸出 電流/電壓/占空比	輸入電流 @ 額定輸出	輸出範圍	外觀尺寸 in (mm)	淨重 lbs. (kg)
Power Wave® S700	K3279-1 <sup>①</sup>	380-415/440-460/ 500/575/3/50/60	700A / 44V / 100% [900A / 44V / 60%]	55A/46A/42A/38A [74A/60A/56A/49A]	20 - 900A	30.1 x 19.1 x 36.7 [765 x 485 x 932]	385 [175]
	K3557-1	200/230/3/50/60		106/92A [138/120A]			

<sup>①</sup> 為符合CE的排放標準，需內部濾波器。K3279-1 機型需使用使用K2444-4 CE濾波器



## 艾肯林焊接科技股份有限公司

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