

# NAVIRNET – Distribuidor Oficial Start Pac

## Arrancadores y Rectificadores (GPUs)



AVIONES



HELICOPTEROS



LOCOMOTORAS



MILITARES



MINERIA Y CONSTRUCCION



CAMIONES Y AUTOBUSES

EQUIPOS PORTÁTILES PARA LLEVAR A BORDO Y EQUIPOS DE HANGAR PARA TAREAS DE MANTENIMIENTO

UNIDADES DE 12V, 24V, 26V, 28,5V

RECTIFICADORES DE 200A, 300A, 400A

FABRICADO EN ESTADOS UNIDOS

## Lead Acid



### Portable Starting Unit START PAC MICRO®

|                                                             |                                                 |
|-------------------------------------------------------------|-------------------------------------------------|
| Battery type                                                | Lead acid                                       |
| Voltage                                                     | 12 VDC                                          |
| Peak Current                                                | 1200 A                                          |
| Capacity @10 Amp<br>Rate                                    | 13 Ah                                           |
| Total Weight                                                | 14.9lbs / 7.25kg                                |
| Dimensions - Length x<br>Width x Height                     | 13.75" x 7" x<br>5.25" 34.9 x 17.8<br>x 13.3 cm |
| Charger type                                                | External                                        |
| Float type charger<br>input (must be<br>specified on order) | 100-240 VAC<br>50/60 hertz                      |
| Charging time range                                         | 1 to 5 hours                                    |



### Portable Starting Unit 1324-1QC

|                                                             |                                                 |
|-------------------------------------------------------------|-------------------------------------------------|
| Battery type                                                | Lead acid /Plomb/<br>Plomo y ácido              |
| Voltage                                                     | 24 VDC                                          |
| Peak Current                                                | 1300 A                                          |
| Capacity @10 Amp<br>Rate                                    | 13 Ah                                           |
| Total Weight                                                | 35lbs/15.9kg                                    |
| Dimensions - Length<br>x Width x Height                     | 15.5" x 4" x 11.75"<br>39.4 x 10.2 x 29.8<br>cm |
| Charger type                                                | Built in                                        |
| Float type charger<br>input (must be<br>specified on order) | 90-240 VAC 50/60<br>hertz                       |
| Charging time range                                         | 30 miutes to 3<br>hours                         |



### Portable Starting Unit 2300QC

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| Battery type                                          | Lead acid                                |
| Voltage                                               | 24 VDC                                   |
| Peak Current                                          | 2300 A                                   |
| Capacity @10 Amp Rate                                 | 28 Ah                                    |
| Total Weight                                          | 67lbs/30kg                               |
| Dimensions - Length x Width x Height                  | 19.2" x 7.5" x 11.5" 48.8 x 19 x 29.2 cm |
| Charger type                                          | Built in                                 |
| Float type charger input (must be specified on order) | 90-240 VAC<br>50/60 hertz                |
| Charging time range                                   | 30 minutes to 3 hours                    |



### Portable Starting Unit 2300QC Twin Pac

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| Battery type                                          | Lead acid                          |
| Voltage                                               | 24 VDC                             |
| Peak Current                                          | 3500 A                             |
| Capacity @10 Amp Rate                                 | 56 Ah                              |
| Total Weight                                          | 113lbs/51kg                        |
| Dimensions - Length x Width x Height                  | 52" x 23" x 23.5" 132 x 58 x 60 cm |
| Charger type                                          | Built in                           |
| Float type charger input (must be specified on order) | 90-240 VAC<br>50/60 hertz          |
| Charging time range                                   | 30 minutes to 3 hours              |



### Portable Starting Unit 2326QC

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| Battery type                                          | Lead acid                                |
| Voltage                                               | 26 VDC                                   |
| Peak Current                                          | 2300 A                                   |
| Capacity @10 Amp Rate                                 | 28 Ah                                    |
| Total Weight                                          | 69lbs/31kg                               |
| Dimensions - Length x Width x Height                  | 19.2" x 7.5" x 11.5" 48.8 x 19 x 29.2 cm |
| Charger type                                          | Built in                                 |
| Float type charger input (must be specified on order) | 90-240 VAC 50/60 hertz                   |
| Charging time range                                   | 30 minutes to 4 hours                    |



### Portable Starting Unit 2326QC Twin Pac

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| Battery type                                          | Lead acid                          |
| Voltage                                               | 26 VDC                             |
| Peak Current                                          | 3500 A                             |
| Capacity @10 Amp Rate                                 | 56 Ah                              |
| Total Weight                                          | 149lbs/67.6kg                      |
| Dimensions - Length x Width x Height                  | 52" x 23" x 23.5" 132 x 58 x 60 cm |
| Charger type                                          | Built in                           |
| Float type charger input (must be specified on order) | 90-240 VAC 50/60 hertz             |
| Charging time range                                   | 30 minutes to 4 hours              |



### Portable Starting Unit 6028QC

|              |           |
|--------------|-----------|
| Battery type | Lead acid |
| Voltage      | 28 VDC    |
| Peak Current | 2300 A    |



### Portable Starting Unit 6028QC Twin Pac

|              |           |
|--------------|-----------|
| Battery type | Lead acid |
| Voltage      | 28 VDC    |

|                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Capacity @10 Amp Rate 28 Ah</p> <p>Total Weight 77lbs / 35kg</p> <p>Dimensions - Length x Width x Height 19.2" x 7.5" x 11.5" 48.8 x 19 x 29.2 cm</p> <p>Charger type Built in</p> <p>Float type charger input (must be specified on order) 90-240 VAC 50/60 hertz</p> <p>Charging time range 30 minutes to 4 hours</p> | <p>Peak Current 3500 A</p> <p>Capacity @10 Amp Rate 56 Ah</p> <p>Total Weight 149lbs/67.6kg</p> <p>Dimensions - Length x Width x Height 52" x 22" xH23.5" 132 x 56 x 60 cm</p> <p>Charger type Built in</p> <p>Float type charger input (must be specified on order) 90-240 VAC 50/60 hertz</p> <p>Charging time range 30 minutes to 4 hours</p> |
|  <p><u>Aircraft Starting Unit</u><br/><u>3324XL Special</u></p>                                                                                                                                                                          |  <p><u>Aircraft Starting Unit</u><br/><u>3326XL Special</u></p>                                                                                                                                                                                               |

|                                                                                                                                                                     |                                          |                                                                                                                                                                        |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|   |                                          |   |                                          |
| <b><u>Aircraft Starting Unit 3326</u></b><br><b><u>Special</u></b>                                                                                                  |                                          | <b><u>Aircraft Starting Unit 3328</u></b><br><b><u>Special</u></b>                                                                                                     |                                          |
| Battery type                                                                                                                                                        | Lead acid                                | Battery type                                                                                                                                                           | Lead acid                                |
| Voltage                                                                                                                                                             | 26 VDC                                   | Voltage                                                                                                                                                                | 28 VDC                                   |
| Peak Current                                                                                                                                                        | 2800 A                                   | Peak Current                                                                                                                                                           | 2800 A                                   |
| Capacity @10 Amp Rate                                                                                                                                               | 84 Ah                                    | Capacity @10 Amp Rate                                                                                                                                                  | 84 Ah                                    |
| Total Weight                                                                                                                                                        | 220lbs / 100kg                           | Total Weight                                                                                                                                                           | 225lbs / 102kg                           |
| Dimensions - Length x Width x Height                                                                                                                                | 38" x 21" x 20"<br>96.5 x 53.3 x 50.8 cm | Dimensions - Length x Width x Height                                                                                                                                   | 38" x 21" x 20"<br>96.5 x 53.3 x 50.8 cm |
| Charger type                                                                                                                                                        | Built in                                 | Charger type                                                                                                                                                           | Built in                                 |
| Float type charger input (must be specified on order)                                                                                                               | 110 VAC 50/60 hertz 220 VAC 50/60 hertz  | Float type charger input (must be specified on order)                                                                                                                  | 110 VAC 50/60 hertz 220 VAC 50/60 hertz  |
| Charging time range                                                                                                                                                 | 30 minutes to 4 hours                    | Charging time range                                                                                                                                                    | 30 minutes to 4 hours                    |

# AIRCRAFT STARTING UNITS

## Lithium Batteries

|                                                                                   |                                        |                                                                                    |                                           |
|-----------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------|
|  |                                        |  |                                           |
| <u>Portable Starting Unit START PAC ONE</u>                                       |                                        | <u>Portable Starting Unit START PAC PRO</u>                                        |                                           |
| Battery type                                                                      | Safe lithium-Ion                       | Battery type                                                                       | Safe lithium-Ion                          |
| Voltage                                                                           | 26 VDC                                 | Voltage                                                                            | 28 VDC                                    |
| Peak Current                                                                      | 1800 A                                 | Peak Current                                                                       | 1800 A                                    |
| Capacity @10 Amp Rate                                                             | 16 Ah                                  | Capacity @10 Amp Rate                                                              | 14 Ah                                     |
| Total Weight                                                                      | 12 lbs/5.4 kg                          | Total Weight                                                                       | 14 lbs/6.3 kg                             |
| Dimensions - Length x Width x Height                                              | 15" x 7.5" x 4.75" 38.1 x 19 x 12.1 cm | Dimensions - Length x Width x Height                                               | 13.75" x 7" x 5.25" 34.9 x 17.8 x 13.3 cm |
| Charger type                                                                      | External                               | Charger type                                                                       | External                                  |
| Float type charger input (must be specified on order)                             | 110-240 VAC 50/60 hertz                | Float type charger input (must be specified on order)                              | 110-240 VAC 50/60 hertz                   |
| Charging time range                                                               | 30 minutes to 3 hours                  | Charging time range                                                                | 30 minutes to 3 hours                     |





### Portable Starting Unit Li2600QC

|                                                       |                                        |
|-------------------------------------------------------|----------------------------------------|
| Battery type                                          | Safe lithium-Ion                       |
| Voltage                                               | 26 VDC                                 |
| Peak Current                                          | 2000 A                                 |
| Capacity @10 Amp Rate                                 | 20 Ah                                  |
| Total Weight                                          | 30lbs / 13.6kg                         |
| Dimensions - Length x Width x Height                  | 16" x 3.75" x 12" 40.6 x 9.5 x 30.5 cm |
| Charger type                                          | Built in                               |
| Float type charger input (must be specified on order) | 90-240 VAC 50/60 hertz                 |
| Charging time range                                   | 1 to 5 hours                           |



### Portable Starting Unit Li2000QC

|                                                       |                                        |
|-------------------------------------------------------|----------------------------------------|
| Battery type                                          | Safe lithium-Ion                       |
| Voltage                                               | 28 VDC                                 |
| Peak Current                                          | 2400 A                                 |
| Capacity @10 Amp Rate                                 | 20 Ah                                  |
| Total Weight                                          | 30lbs/13.6kg                           |
| Dimensions - Length x Width x Height                  | 16" x 3.75" x 12" 40.6 x 9.5 x 30.5 cm |
| Charger type                                          | Built in                               |
| Float type charger input (must be specified on order) | 90-240 VAC 50/60 hertz                 |
| Charging time range                                   | 1 to 6 hours                           |





### Portable Starting Unit Li2700QC

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| Battery type                                          | Safe lithium-Ion                         |
| Voltage                                               | 26 VDC                                   |
| Peak Current                                          | 2400 A                                   |
| Capacity @10 Amp Rate                                 | 31 Ah                                    |
| Total Weight                                          | 47lbs / 21.3kg                           |
| Dimensions - Length x Width x Height                  | 19.2" x 7.5" x 9.75" 48.8 x 19 x 24.8 cm |
| Charger type                                          | Built in                                 |
| Float type charger input (must be specified on order) | 90-240 VAC<br>50/60 hertz                |
| Charging time range                                   | 30 minutes to 4 hours                    |



### Portable Starting Unit Li2700QC Twin Pac

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| Battery type                                          | Safe lithium-Ion                   |
| Voltage                                               | 26 VDC                             |
| Peak Current                                          | 3500 A                             |
| Capacity @10 Amp Rate                                 | 62 Ah                              |
| Total Weight                                          | 80lbs/36kg                         |
| Dimensions - Length x Width x Height                  | 52" x 23" x 23.5" 132 x 58 x 60 cm |
| Charger type                                          | Built in                           |
| Float type charger input (must be specified on order) | 90-240 VAC<br>50/60 hertz          |
| Charging time range                                   | 30 minutes to 4 hours              |



### Portable Starting Unit Li2800QC

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| Battery type                                          | Safe lithium-Ion                         |
| Voltage                                               | 28 VDC                                   |
| Peak Current                                          | 2400 A                                   |
| Capacity @10 Amp Rate                                 | 31 Ah                                    |
| Total Weight                                          | 46lbs/20.9kg                             |
| Dimensions - Length x Width x Height                  | 19.2" x 7.5" x 9.75" 48.8 x 19 x 24.8 cm |
| Charger type                                          | Built in                                 |
| Float type charger input (must be specified on order) | 90-240 VAC 50/60 hertz                   |
| Charging time range                                   | 30 minutes to 4 hours                    |



### Portable Starting Unit Li2800QC Twin Pac

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| Battery type                                          | Safe lithium-Ion                   |
| Voltage                                               | 28 VDC                             |
| Peak Current                                          | 3500 A                             |
| Capacity @10 Amp Rate                                 | 62 Ah                              |
| Total Weight                                          | 88lbs/40kg                         |
| Dimensions - Length x Width x Height                  | 52" x 23" x 23.5" 132 x 58 x 60 cm |
| Charger type                                          | Built in                           |
| Float type charger input (must be specified on order) | 90-240 VAC 50/60 hertz             |
| Charging time range                                   | 30 minutes to 4 hours              |

MADE IN THE USA

## Ground Power Units (GPU)



SUPER PAC Portable GPU



GPU Power Supply & Starting Unit  
Model 3324



GPU Power Supply & Starting Unit  
Model 3324QC-50 Amp



GPU Power Supply & Starting Unit  
Model 3324QC 105 Amp



GPU Power Supply & Starting Unit  
Model 3324QC 200 Amp



GPU Power Supply & Starting Unit  
Model 3324QC 300 amp



GPU Power Supply & Starting Unit  
Model 3324QC 400 amp



GPU Power Supply & Starting Unit  
Model 3326QC 50 amp



GPU Power Supply & Starting Unit  
Model 3326QC 105 amp



GPU Power Supply & Starting Unit  
Model 3326QC 200 amp



GPU Power Supply & Starting Unit  
Model 3326QC 300 amp



GPU Power Supply & Starting Unit  
Model 3326QC 400 amp



GPU Power Supply & Starting Unit  
Model 3328QC 50 Amp



GPU Power Supply & Starting Unit  
Model 3328QC 105 amp



GPU Power Supply & Starting Unit  
Model 3328QC 200 amp



GPU Power Supply & Starting Unit  
Model 3328QC 300 Amp





**GPU Power Supply & Starting Unit**  
**Model 3328QC 400 amp**

|                                             |                                     |
|---------------------------------------------|-------------------------------------|
| Battery type                                | Lead acid                           |
| Voltage                                     | 28 VDC                              |
| Peak Current                                | 2800 A                              |
| Capacity @10 Amp Rate                       | 56 Ah                               |
| Charger type                                | Built in                            |
| Charging time range                         | 1 to 8 hours                        |
| Maximum Continuous Current output           | 400 A                               |
| DC voltage output                           | 28 VDC                              |
| AC voltage input                            | 220 VAC                             |
| AC current input at maximum DC power output | 53 A @220VAC                        |
| Phase                                       | Single                              |
| Forced air-cooling                          | Yes                                 |
| Over current protection                     | Yes                                 |
| Over voltage protection                     | Yes                                 |
| Over temperature protection                 | Yes                                 |
| Complete Weight                             | 228bs / 103.5kg                     |
| Dimensions - Length x Width x Height        | 50" x 23" x 23"<br>127 x 58 x 58 cm |





### Portable Starting Unit Earth Gear

|                                                       |                                          |
|-------------------------------------------------------|------------------------------------------|
| Battery type                                          | Lead acid                                |
| Voltage                                               | 24 VDC                                   |
| Peak Current                                          | 2300 A                                   |
| Capacity @10 Amp Rate                                 | 28 Ah                                    |
| Total Weight                                          | 69lbs/ 31.3kg                            |
| Dimensions - Length x Width x Height                  | 19.2" x 7.5" x 11.5" 48.8 x 19 x 29.2 cm |
| Charger type                                          | Built in                                 |
| Float type charger input (must be specified on order) | 90-240 VAC<br>50/60 hertz                |
| Charging time range                                   | 30 minutes to 3 hours                    |



### Portable Starting Unit Model Earth Gear Twin Pac

**NEW**



1. Nonhazardous sealed maintenance free lead acid battery bank
2. Voltage and Amp Hours
  - 12 V – 70AH
  - 24 V – 140AH
3. CCA – 810 12 V
4. CCA – 1620 24V
5. 1550 peak amps
6. Built in float type chargers
7. Total Weight – 449 lbs.
8. Dimensions- length 55"x width 23" x height 33"



### Railroad Locomotive Starting Unit Model 2400RR

|                                                      |                                             |
|------------------------------------------------------|---------------------------------------------|
| Battery type                                         | Lead acid                                   |
| Voltage                                              | 24 VDC                                      |
| Peak Current                                         | 2400 A                                      |
| Cold start @ 0°F /-18°C                              | 330 CCA                                     |
| Capacity @10 Amp Rate                                | 84 Ah                                       |
| Total Weight                                         | 215lbs / 97.5kg                             |
| Dimensions - Length x Width x Height                 | 38" x 21" x 20"<br>96.5cm x 53.3cm x 50.8cm |
| Charger type                                         | Built in                                    |
| Float type charger input *Must be specified on order | 110 VAC 50/60 hertz 220 VAC 50/60 hertz     |
| Charging time range                                  | 30 minutes to 2 hours                       |



|                                                            |                                               |
|------------------------------------------------------------|-----------------------------------------------|
| Battery type                                               | Lead acid                                     |
| Voltage                                                    | 72 VDC                                        |
| Peak Current                                               | 1700 A                                        |
| Cold start @ 0°F<br>/-18°C                                 | 810 CCA                                       |
| Capacity @10 Amp<br>Rate                                   | 70 Ah                                         |
| Total Weight                                               | 444lbs / 201kg                                |
| Dimensions - Length x<br>Width x Height                    | 55" x 23" x 33"<br>139,7 x 58,4 x<br>83,8 cm  |
| Charger type                                               | Built in                                      |
| Float type charger<br>input *Must be<br>specified on order | 112 VAC 50/60<br>hertz 220 VAC<br>50/60 hertz |
| Charging time range                                        | 1 to 9 hours                                  |

## NAVIRNET

Distribuidor oficial Start Pac en España, Portugal y Andorra

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