### PASSPORT® Vertical Platform Lift
#### Technical Specifications

<table>
<thead>
<tr>
<th>MODEL #:</th>
<th>PL52SP3651</th>
<th>PL52TP3860</th>
<th>PL72SP3651</th>
<th>PL72TP3860</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOWER WEIGHT:</td>
<td>193 lbs (87.5 kg)</td>
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<td>224 lbs (102 kg)</td>
<td>224 lbs (102 kg)</td>
</tr>
<tr>
<td>PLATFORM WEIGHT:</td>
<td>168 lbs (76 kg)</td>
<td>160 lbs (73 kg)</td>
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<td>160 lbs (73 kg)</td>
</tr>
<tr>
<td>NET WEIGHT:</td>
<td>361 lbs (163.5 kg)</td>
<td>353 lbs (160.5 kg)</td>
<td>392 lbs (178 kg)</td>
<td>384 lbs (175 kg)</td>
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<tr>
<td>TOWER HEIGHT WITH LEGS:</td>
<td>76-1/8&quot; (1931 mm)</td>
<td>76-1/8&quot; (1931 mm)</td>
<td>96-1/8&quot; (2439 mm)</td>
<td>96-1/8&quot; (2439 mm)</td>
</tr>
<tr>
<td>TOWER WIDTH WITH LEGS:</td>
<td>33-3/8&quot; (84 cm)</td>
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</tr>
<tr>
<td>HEIGHT AT MAXIMUM TRAVEL:</td>
<td>97-9/16&quot; (2464 mm)</td>
<td>97-9/16&quot; (2464 mm)</td>
<td>117.75&quot; (2997 mm)</td>
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</tr>
<tr>
<td>PLATFORM “USEABLE” SIZE:</td>
<td>50.75” x 36” (1289 mm x 914 mm)</td>
<td>59.75” x 36” (1518 mm x 914 mm)</td>
<td>50.75” x 36” (1289 mm x 914 mm)</td>
<td>59.75” x 36” (1518 mm x 914 mm)</td>
</tr>
<tr>
<td>FOOTPRINT (RAMP DEPLOYED):</td>
<td>76” x 52” (1930 mm x 1320 mm)</td>
<td>85” x 52” (2159 mm x 1320 mm)</td>
<td>76” x 52” (1930 mm x 1320 mm)</td>
<td>85” x 52” (2159 mm x 1320 mm)</td>
</tr>
<tr>
<td>LIFTING HEIGHT:</td>
<td>52” (1321 mm) landing-to-landing</td>
<td>52” (1231 mm) landing-to-landing</td>
<td>72” (1828.8 mm) landing-to-landing</td>
<td>72” (1828.8 mm) landing-to-landing</td>
</tr>
</tbody>
</table>

**WARRANTY:** 2-Year Limited. Visit www.ezaccess.com for complete warranty details.

**NOTE:** Weights and dimensions are approximate and subject to change.

**PERFORMANCE STANDARDS:** B44.1 / ASME A17.5, ASME 18.1-2008 (Sec 5)

**MAXIMUM RATED LOAD:** 750 lbs. (340 kg)

**NUMBER OF PASSENGERS:** Two (one occupant with mobility device, plus one caregiver). Not to exceed Maximum Rated Load

**MAIN DRIVE ELECTRICAL:** 24 VDC supplied by two 12 VDC-12 Ah sealed lead-acid batteries, 2 amp smart charger

**CONTROL CIRCUIT ELECTRICAL:** 12 VDC

**AC INPUT:** 120 VAC, .6 amps

**AC POWER CORD LENGTH:** 12-ft. (3.7 m)

**PRIMARY DRIVE:** 24 VDC worm drive: .58 hp; 28:1 reduction ratio; 96 rpm output speed rating

**FINAL DRIVE:** 1” diameter Hi-lead ® drive screw with bronze nut and bronze safety back-up nut

**DRIVE MOTOR CONTROL:** 24 VDC reversing relay, 12 VDC control input, 30-amp auto reset circuit breaker

**BRAKING:** Worm drive gear motor

**STANDARD INTERFACE CONTROLS:** 12 VDC; separate, continuous, low pressure large mushroom-head control switches for “UP/DOWN” operation; onboard LED indicator lights, including diagnostics for quick and easy reference; user adjustable control box; keyed operation

**EMERGENCY STOP:** Red, sealed, 1.5” diameter mushroom-head, push button

**PLATFORM TRAVEL SPEED:** 10 ft/min

**NUMBER OF STOPS/LANDINGS:** Two stops (upper and lower landings)

**TOWER CONSTRUCTION:** Welded aluminum extrusion

**CARRIAGE CONSTRUCTION:** Welded aluminum, 1.9” (48.3 mm) MDS nylon 6/6 rollers, and UHMW polyethylene low friction buffers

**PLATFORM CONSTRUCTION:** Welded aluminum, totally enclosed, removable aluminum framed side enclosures with coated steel filler panels

**UNDER PLATFORM SAFETY:** Formed aluminum safety pan with obstruction detector, designed to stop lift upon contact with an obstacle. Takes less than 15 lbs. (.68 kg) of pressure to activate safety pan stop

**GUARD RAMP:** Self-actuating 24” (610 mm)

**EMERGENCY LOWERING:** Manual hand-crank lowering capability

**LIMIT SWITCHES:** Upper and lower primary and secondary limit switch triggering locations are adjustable via movable cams

**WEIGHT OF TOP LANDING GATE:** 50 lbs. (23 kg)

**FLOOR ATTACHMENT:** Anchor-ready 6000 Series Aluminum

**MOUNTING SURFACE RECOMMENDED:** A level, ≥ 3,500 psi concrete pad with a 4” minimum thickness

**DRIVE SCREW LUBRICATION:** DUPONT™ White Lithium Grease With TEFLON® Fluoropolymer Aerosol (or equivalent)
CONCRETE PAD SPECIFICATIONS

NOTE: The pad dimensions in FIG. 2 can be used as a universal pad (it will work for the PL52SP3651, PL72SP3651, PL52TP3860 and PL72TP3860 VPL lifts). This is an important consideration should you decide to change to a turn platform in the future.

DIMENSIONS

CONCRETE PAD DIMENSIONS (INCHES) FOR: PL52SP3651 AND PL72SP3651

CONCRETE PAD DIMENSIONS (INCHES) FOR: PL52TP3860 and PL72TP3860
OVERALL VPL DIMENSIONS (INCHES) FOR: PL52SP3651 AND PL72SP3651

FIG. 3

OVERALL VPL DIMENSIONS (INCHES) FOR: PL52TP3860 and PL72TP3860

FIG. 4