

**Sumachay Plus Series****PRODUCT OVERVIEW**

The SELR20+ is a heavy-duty walkie-type electric pallet jack designed for demanding warehouse and distribution center operations. Powered by a 48V/15Ah LiFePO4 lithium-ion battery, the unit delivers consistent performance across extended shifts with rapid recharge capability. The electromagnetic braking system and DC drive control provide precise low-speed handling and reliable stopping power in high-traffic environments.

**KEY ADVANTAGES**

- 48V LiFePO4 lithium-ion battery with fast-charge capability and extended cycle life
- Electromagnetic braking system for reliable, maintenance-free stopping performance
- Compact 1,468 mm turning radius for efficient operation in narrow aisle configurations
- Polyurethane drive and load wheels for reduced floor marking and low rolling resistance
- Low noise operation at  $\leq 70$  dB(A) suitable for retail and noise-sensitive environments

**TYPICAL APPLICATIONS**

- Warehousing and distribution centers
- Manufacturing facilities and production lines
- Retail backroom and store receiving operations
- Cross-docking and staging areas
- Cold storage and temperature-controlled environments



## TECHNICAL SPECIFICATIONS

### GENERAL

Model	<b>SELR20+</b>
Manufacturer	<b>Sumachay Plus</b>
Drive Type	<b>Electric</b>
Operation Type	<b>Walkie</b>
Rated Capacity	<b>2,000 kg / 4,400 lb</b>
Load Center	<b>600 mm / 23.6 in</b>
Service Weight (with battery)	<b>168 kg / 370 lb</b>

### DIMENSIONS

Overall Length	<b>1,572 mm / 61.9 in</b>
Overall Width	<b>685 mm / 27.0 in</b>
Fork Length	<b>1,220 mm / 48.0 in</b>
Fork Width (Outside)	<b>685 mm / 27.0 in</b>
Fork Size (s / e / l)	<b>50 / 150 / 1,220 mm</b>
Lowered Fork Height	<b>85 mm / 3.3 in</b>
Maximum Lift Height	<b>200 mm / 7.9 in</b>
Wheelbase	<b>1,000 mm / 39.4 in</b>
Turning Radius	<b>1,468 mm / 57.8 in</b>
Minimum Ground Clearance	<b>35 mm / 1.4 in</b>
Aisle Width (1000x1200 Pallet, Crossways)	<b>1,874 mm / 73.8 in</b>
Aisle Width (800x1200 Pallet, Lengthways)	<b>1,924 mm / 75.7 in</b>

### PERFORMANCE

Travel Speed (Loaded / Unloaded)	<b>4.2 / 4.5 km/h</b>
Maximum Gradeability (Loaded / Unloaded)	<b>5% / 10%</b>
Noise Level	<b>≤70 dB(A)</b>

### WHEELS

Drive Wheel Size	<b>Ø210 × 70 mm</b>
Load Wheel Size	<b>Ø80 × 85 mm</b>
Wheel Material	<b>Polyurethane (PU)</b>
Wheel Configuration (Front / Rear)	<b>1x / 2</b>
Tread Width	<b>535 mm / 21.1 in</b>

### POWER SYSTEM

Drive Motor Power	<b>0.75 kW</b>
Lift Motor Power	<b>0.8 kW</b>
Battery Type	<b>Lithium LiFePO4</b>
Battery Voltage / Capacity	<b>48V / 15Ah</b>
Battery Weight (±5%)	<b>10.2 kg / 22.5 lb</b>
Controller Type	<b>DC Controller</b>

### BRAKING & CONTROL

Service Brake	<b>Electromagnetic Brake</b>
Drive Control	<b>DC Controller</b>

### COMPLIANCE

CE Certification	<b>Yes</b>
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All specifications are subject to change without notice. Values shown are nominal; actual performance may vary based on operating conditions. Specifications sourced from Sumachay product documentation. "— Not specified" indicates data not available at time of publication.