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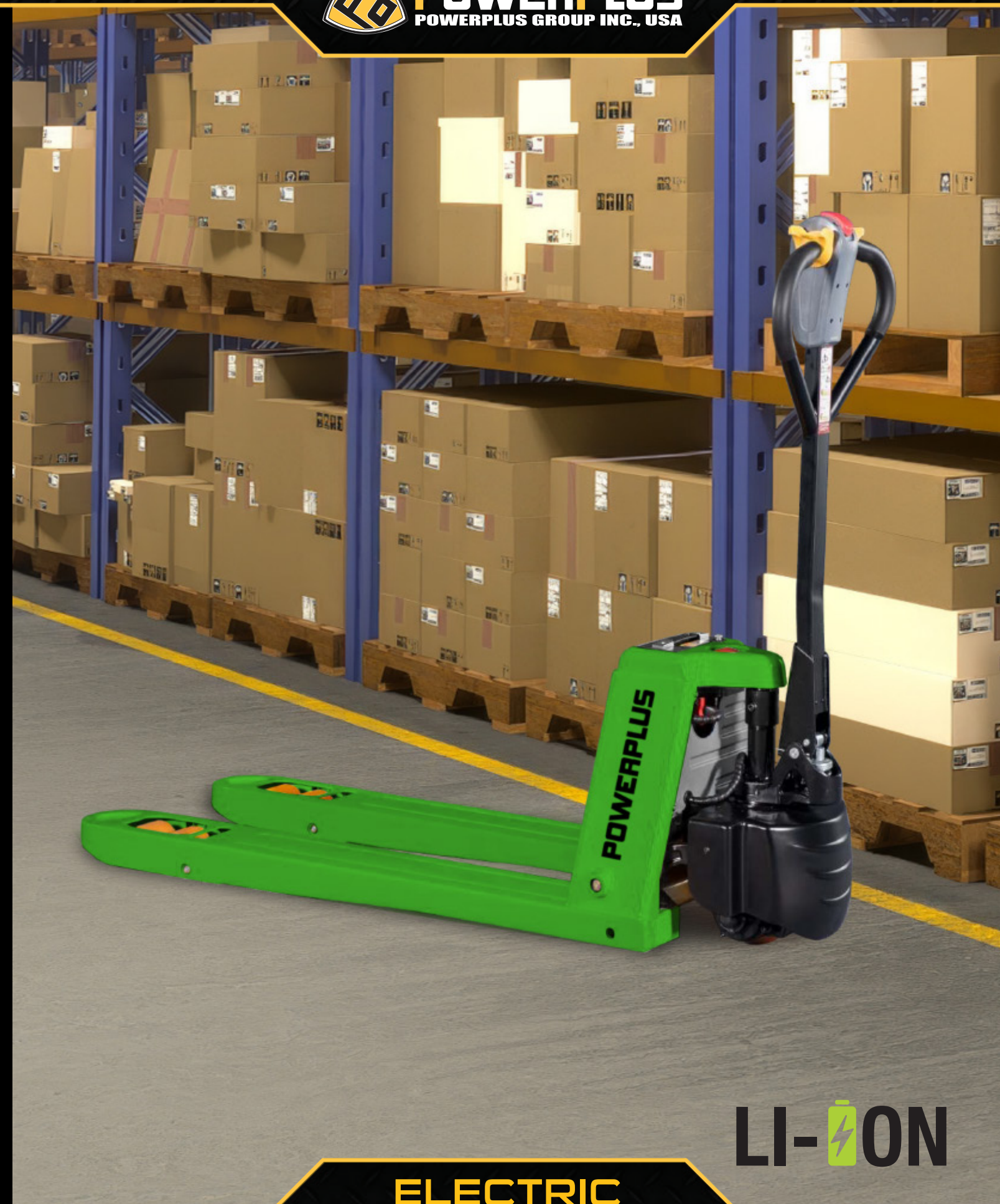
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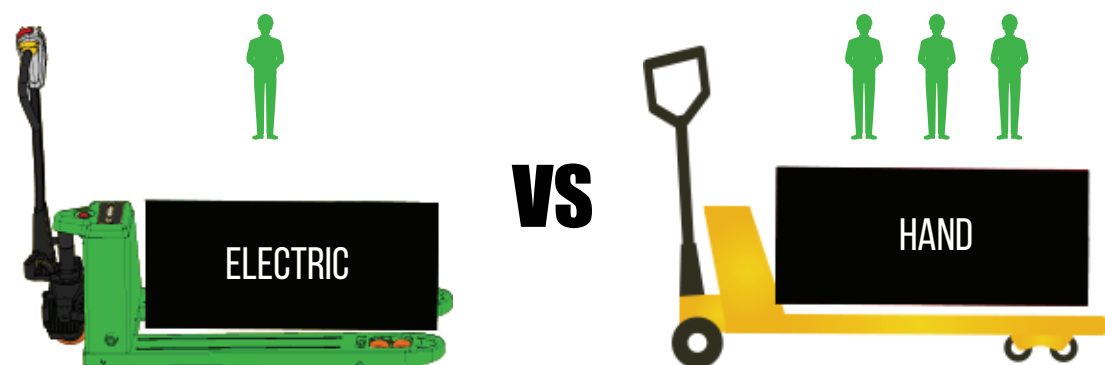
LI-ON

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**ELECTRIC
PALLET TRUCK**
PPTE15W PPTE20W PPTE20W-CS

EFFICIENCY



3 times higher efficiency than any average manual Pallet Truck.

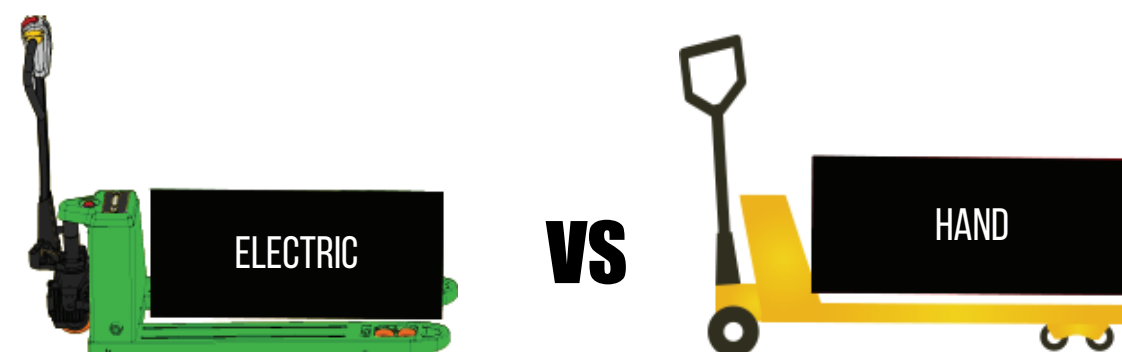
EASY MAINTENANCE



Service and cost of maintenance is about the same.

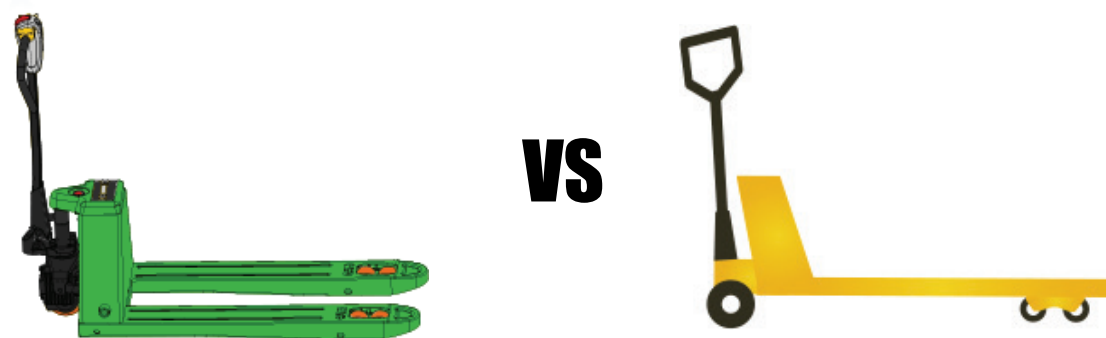


SIZE



The size is almost the same.

WEIGHT



The total weight, including the compartments, is only 125 kg.

The average truck features a simple design and weighs approximately 90 kg.

LIFETIME



3 times longer than any average manual Pallet Truck.

POWERFUL HIGH GRADEABILITY

Effortlessly moves 1.5 to 2 tons over slopes at warehouse entrances.



TRAVELING SPEED

Unladen 4.5km/h
Laden 4km/h



INNOVATIVE BRUSHLESS TECHNOLOGY

An industry leader — Powerful, maintenance-free brushless motor

750W/1000W power, Brushless motor, Maintenance free

Motorized travel

Motorized lifting and lowering

MAINTENANCE FREE

Brushed motors require carbon brush replacement every 12 - 18 months for all models except PPTe15W which does not need to be replaced. Our design saves time and reduces costs.

UNSTOPPABLE, UNBREAKABLE

6 SECONDS BATTERY REPLACEMENT LI-ION

The maintenance-free lithium battery can be replaced in just 6 seconds. With a spare battery, the unit operates continuously for 24 hours.



✓ **CHARGE AND OPERATE WITH EASE**

✓ **FAST CHARGING TIME UP TO 2 HOURS FULLY CHARGE**

GUARANTEED BATTERY SAFETY

Safe and reliable—no risk of fire or explosion. Complies with IEC and UL global standards, ensuring user and property safety.

- Longer Lifespan: Lithium battery with a long service life.
- Enhanced safety performance with soft-pack battery technology, a built-in protection board, and multiple safeguards to prevent overcharging and overdischarging.
- Maintenance free: No water refilling required.

COMPACT AND DURABLE

Durable construction

- The chassis is built with solid materials, ensuring no bending or deformation.
- Reinforced rocker arm, push rod, wheel frame, and support seat for added durability.
- No plastic parts, minimizing potential damage.

The most compact unit with an equivalent lifting capacity

- Ideal for tight spaces like compact workshops, trucks, vans, tail lifts, or elevators.
- The PPTe15W boasts the smallest turning radius among similar models.

One-piece forks, no joints

- The uniquely designed forks ensure easy handling of European, American, and plastic pallets.
- Solid, non-deforming forks offer superior durability compared to other brands in the same category.

FORK THICKNESS

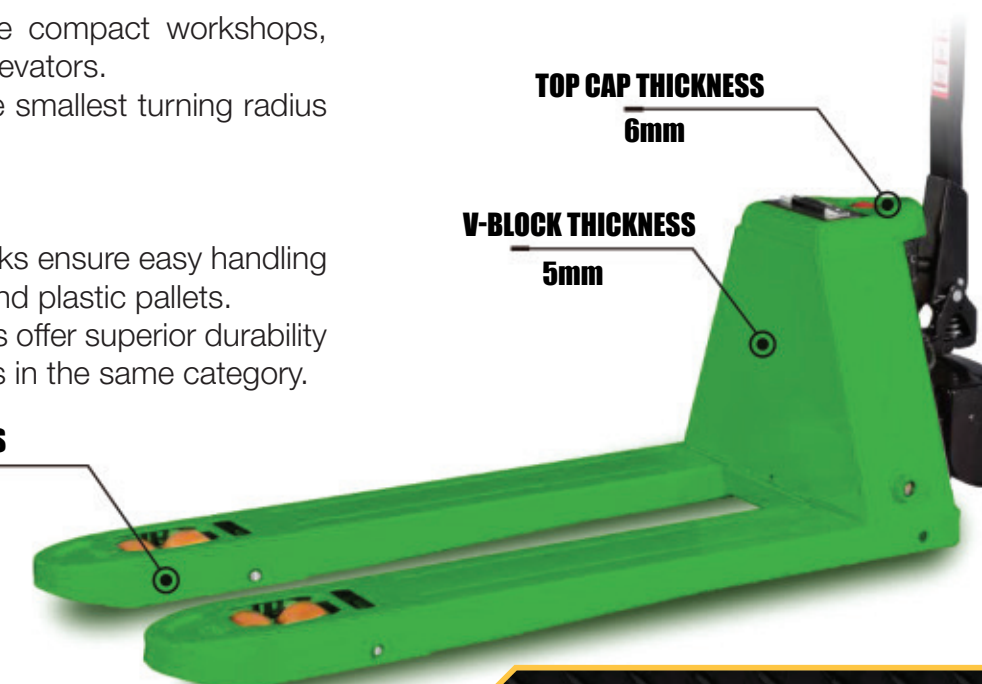
4mm

TOP CAP THICKNESS

6mm

V-BLOCK THICKNESS

5mm



SMART CONTROL

When handling heavy loads in tight spaces, maneuverability and control are essential for safety, productivity, and comfort.

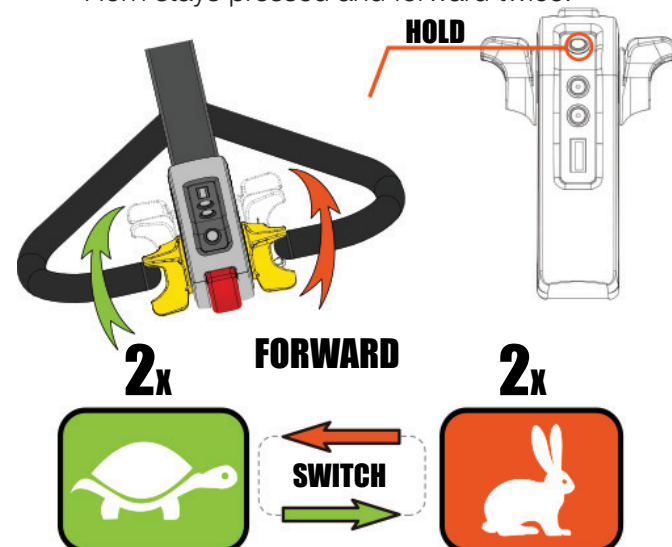
POWERPLUS products are designed to simplify your work. The PPTE15W features an ergonomically designed handle for easy operation, reduced fatigue, and enhanced efficiency.

Users prefer the POWERPLUS PPTE series over other brands.

OPERATOR PREFERENCE

01 TURTLE SPEED

Horn stays pressed and forward twice.



02 UP-RIGHT DRIVE

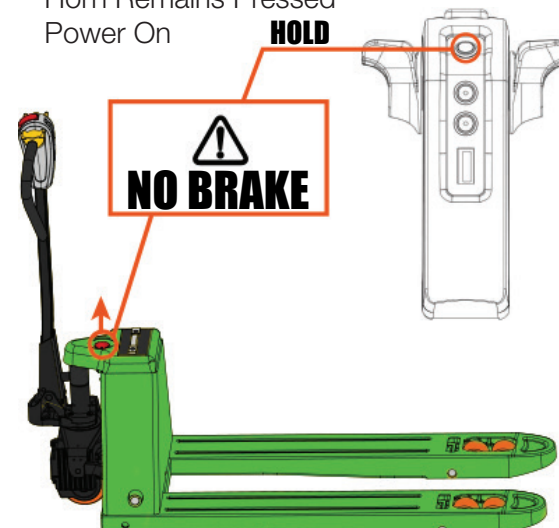
Reverse Button & Forward Throttle Remain Pressed Power On



03 ENGINEERING MODE

(BRAKE RELEASE)

Horn Remains Pressed Power On



● In upright drive mode, the vehicle will move when the handle is operated at any position. Please avoid incorrect operation.

● Brake release mode is intended for emergencies only and should not be used under normal vehicle conditions.



- Recharge alert**
- Hour meter**
- Powered traveling**
- Powered lifting & lowering**
- Error code display**
- Emergency stop button**
- Horn**

Influential Technology

This entry-level electric pallet truck is equipped with Controller Area Network (CanBus) technology.

Comfortable Operation

Simple to operate, with an ergonomic handle for comfortable use.

Fast and Slow Speed

To suit different operator experience levels and diverse work environments.

Up-right Drive Mode

Easy to operate in vans, on tail lifts, or inside elevators.

Engineering Mode

If the unit breaks down, it can be moved manually.

Anti-sliding design

Simple parking on slopes, preventing the machine from accidentally rolling backward.

EASY MAINTENANCE

The PPTE series features POWERPLUS's integrated diagnostics, error code display, and the original POWERPLUS service mini-program for efficient problem resolution.

SIMPLE PARTS REPLACEMENT

The unique design simplifies disassembly and assembly, reducing machine downtime and operating costs.

1 minute

Replace the drive wheel

2 minutes

Remove the controller

⚠ Error Code Display

Quickly identify the fault during operation.

🔧 Professional After-sales Support

Expert assistance is just a phone call away.



1 minute

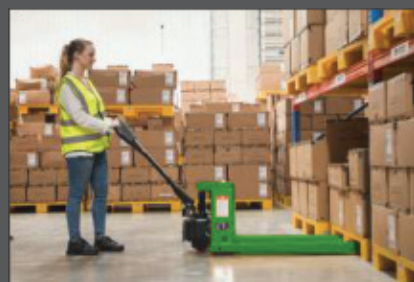
Replace the handle

3 minutes

Remove the motor

PREPARED FOR VARIOUS TASKS

The unique design of our PPTE series provides power and maneuverability for optimal performance in diverse working conditions.



WAREHOUSES / LOGISTICS CENTER



TRUCK TAIL LIFT



SUPERMARKET

Pallet trucks are a crucial investment, and selecting the wrong one can lead to productivity losses, costly downtime, dissatisfied workers, and higher operating expenses. Choosing the PPTE series ensures long-term value and reliability.

STRONG

DURABLE

EASY MAINTENANCE

COST-EFFICIENT OPERATION

HIGH RETURN ON INVESTMENT

EMERGENCY REVERSE BUTTON
FORWARD / REVERSE BUTTERFLY SWITCH
LIFTING / LOWERING

HORN

LCD SCREEN

- Battery indicator with hour meter
- Error code display
- Recharge alert

MULTI-FUNCTION HANDLE
(FULL ELECTRIC)

MULTI-FUNCTION
ERGONOMIC HANDLE
(SEMI-ELECTRIC)

TANDEM / SINGLE
PU WHEEL

LOW PROFILE FORKS

Lowered fork height: 65mm
Standard model: 82mm

PROTECTION COVER
Protect the drive motor
and Anti-foot stamping

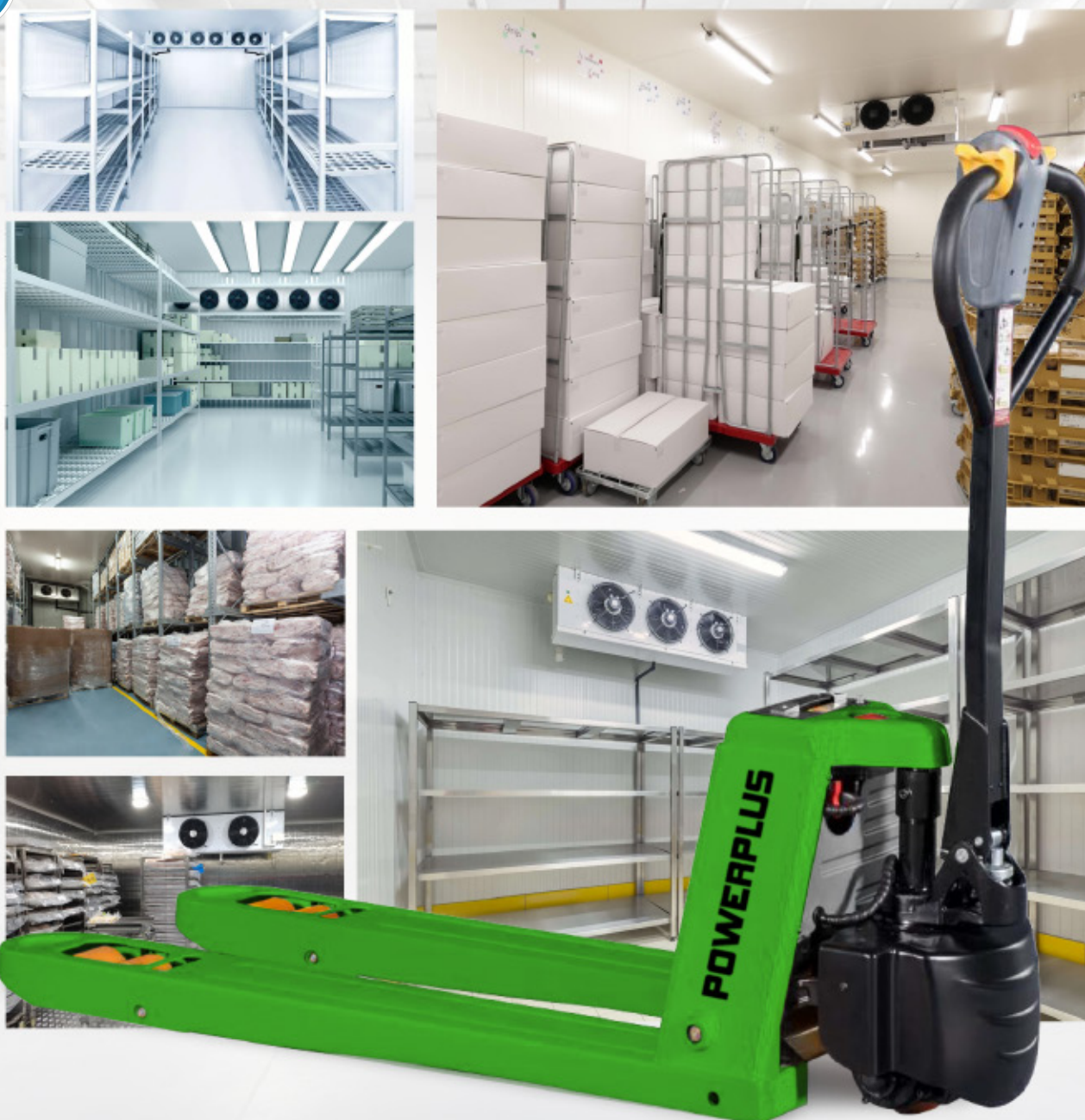
LITHIUM BATTERY

INTELLIGENT CHARGER

ELECTRIC LIFTING /
LOWERING

MANUAL LIFTING /
LOWERING

Presenting our best choice PPTE series model – the PPT20W-CS. It is specially modified to withstand cold environments down to -18°C and below.



STAINLESS STEEL BEARINGS

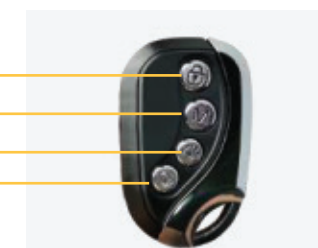


IP67 WATERPROOF BRAKES



WATERPROOF CONTROLLER

**KEY BUTTON
UPRIGHT DRIVING BUTTON
MAX SPEED SETTING BUTTON
HORN BUTTON**



REMOTE CONTROL KEY



**48V 15AH BATTERY
WITH BIGGER CAPACITY**

Longer working hour



5A FAST CHARGER

Shorter charging hour



LOAD BACKREST

When goods are stacked high, the load backrest helps prevent them from falling, ensuring user safety.



BALANCE WHEEL

Available on PPT15W



FORK LENGTH

800 / 900 / 1150 / 1220 /
1500 / 1800 / 2000mm
fork length options

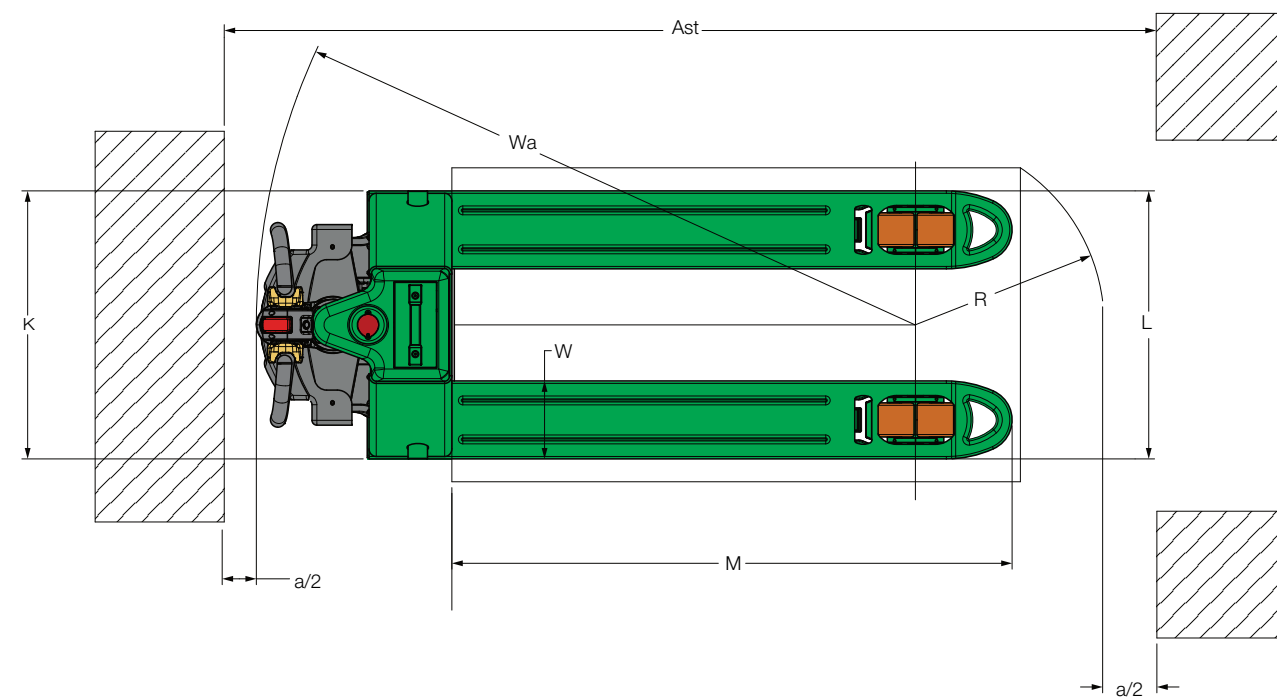
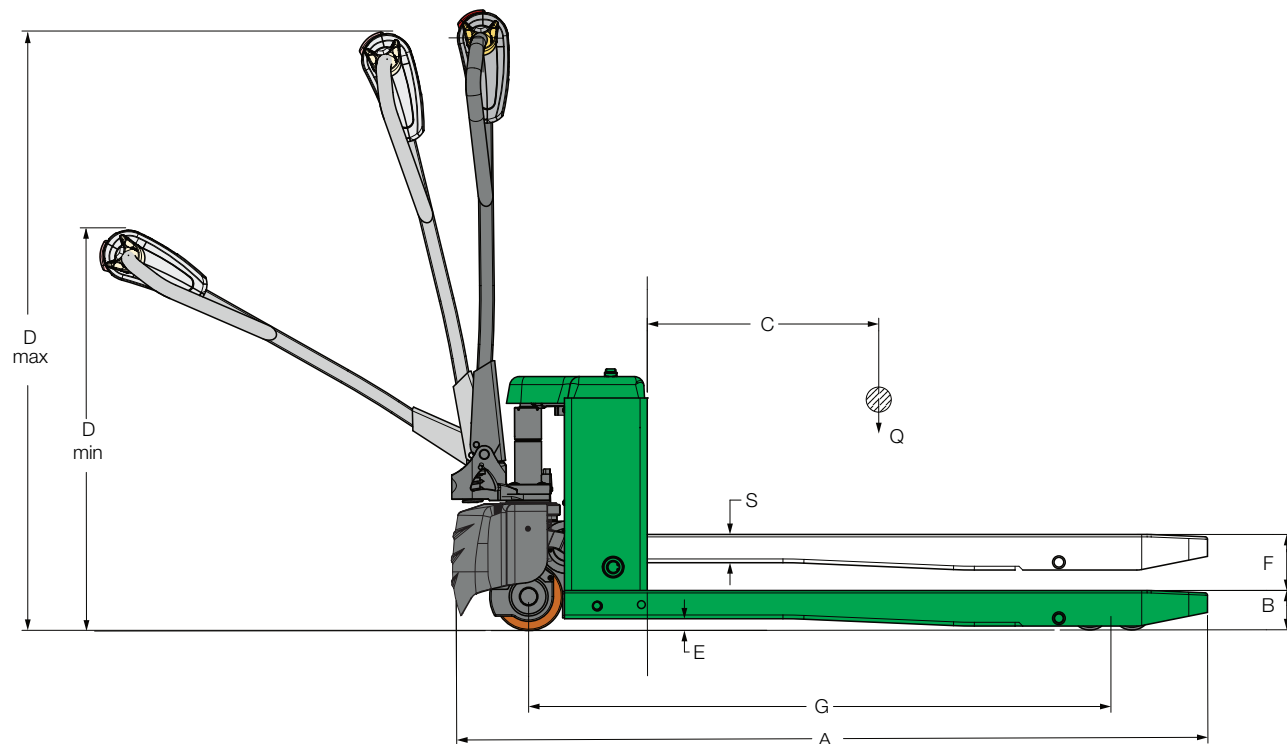


**WRAPPING
FILM HOLDER**



| SPECIFICATION | | | | PPTE15W | PPTE20W |
|-------------------------------------------------------|---------|---------|----|----------------------|----------------------|
| Drive | | | | Electric | Electric |
| Operator Type | | | | Pedestrian | Pedestrian |
| Load Capacity / Rated Load | Q | kg | | 1500 | 2000 |
| Load Centre | C | mm | | 600 | 600 |
| PERFORMANCE | | | | | |
| Travel Speed (Unladen / Laden) | | km/h | | 4.5 / 4.0 | 4.5 / 4.0 |
| Lifting Speed (Unladen / Laden) | | mm/s | | 23 / 18 | 23 / 18 |
| Lowering Speed (Unladen / Laden) | | mm/s | | 46 / 56 | 46 / 56 |
| Maximum Gradeability (Unladen / Laden) | | % | | 20 / 6 | 20 / 6 |
| Drive Motor | | kW | | DC 0.75 Brushless | DC 1.0 Brushless |
| Lift Motor | | kW | | DC 0.8 | DC 0.8 |
| DIMENSION | | | | | |
| Fork Lowered Height | | B | mm | 82 ± 2 | 82 ± 2 |
| Wheelbase | | G | mm | 1197 / 1267 | 1197 / 1267 |
| Lifting Height | | F | mm | 115 | 115 |
| Height of Tiller in drive position | Minimum | D min | mm | 735 | 735 |
| | Maximum | D max | mm | 1170 | 1170 |
| Overall Length | | A | mm | 1552 / 1622 | 1552 / 1622 |
| Fork Length | | M | mm | 1550 / 1220 | 1550 / 1220 |
| Overall Width | | K | mm | 550 / 685 | 550 / 685 |
| Fork Dimension | (LxWxH) | (MxWxS) | mm | 1150(1220)x160x58 | 1150(1220)x160x58 |
| Distance between Fork-arms | | L | mm | 550 / 685 | 550 / 685 |
| Ground Clearance, Centre of Wheelbase | | E | mm | 22 / 137(24 / 139) | 22 / 137(24 / 139) |
| Aisle Width for pallets 1000x1200 crossways | | Ast | mm | 2376 | 2376 |
| Aisle Width for pallets 800x1200 lengthways | | Ast | mm | 2257 | 2257 |
| Turning Radius | | Wa | mm | 1353 / 1426 | 1353 / 1426 |
| Wheel | | | | PU | PU |
| Wheel Size | Front | | mm | 140*55 | 140*55 |
| | Rear | | mm | 80*93 (Single Wheel) | 80*93 (Single Wheel) |
| | | | mm | 80*70 (Tandem) | 80*70 (Tandem) |
| Wheels, number Front / Rear (x=drive wheels) | | | | 1x+2/4 | 1x+2/4 |
| BATTERY | | | | | |
| Battery Voltage / Nominal Capacity | | V/Ah | | 48/10 (48/15) | 48/10 (48/15) |
| Traveling Brake | | | | Regenerate | Regenerate |
| Brake | | | | Electromagnetic | Electromagnetic |
| Sound Level at the driver's ear according to EN 12053 | | A | | <70dB | <70dB |
| Service Weight (Including Battery) | | kg | | 116.5 / 123 | 119 / 125.5 |

| SPECIFICATION | | | | PPTE20W-CS | |
|-------------------------------------------------------|---------|---------|------------------|----------------------|--|
| Drive | | | | Electric | |
| Operator Type | | | | Pedestrian | |
| Load Capacity / Rated Load | Q | kg | 2000 | | |
| Load Centre | C | mm | 600 | | |
| PERFORMANCE | | | | | |
| Travel Speed (Unladen / Laden) | | km/h | 4.5 / 4.0 | | |
| Lifting Speed (Unladen / Laden) | | mm/s | 23 / 18 | | |
| Lowering Speed (Unladen / Laden) | | mm/s | 46 / 56 | | |
| Maximum Gradeability (Unladen / Laden) | | % | 20 / 6 | | |
| Drive Motor | | kW | DC 1.0 Brushless | | |
| Lift Motor | | kW | DC 0.8 | | |
| DIMENSION | | | | | |
| Fork Lowered Height | | B | mm | 82 ± 2 | |
| Wheelbase | | G | mm | 1197 / 1267 | |
| Lifting Height | | F | mm | 115 | |
| Height of Tiller in drive position | Minimum | D min | mm | 735 | |
| | Maximum | D max | mm | 1170 | |
| Overall Length | | A | mm | 1552 / 1622 | |
| Fork Length | | M | mm | 1550 / 1220 | |
| Overall Width | | K | mm | 550 / 685 | |
| Fork Dimension | (LxWxH) | (MxWxS) | mm | 1150(1220)x160x58 | |
| Distance between Fork-arms | | L | mm | 550 / 685 | |
| Ground Clearance, Centre of Wheelbase | | E | mm | 22 / 137(24 / 139) | |
| Aisle Width for pallets 1000x1200 crossways | | Ast | mm | 2376 | |
| Aisle Width for pallets 800x1200 lengthways | | Ast | mm | 2257 | |
| Turning Radius | | Wa | mm | 1353 / 1426 | |
| Wheel | | | | PU | |
| Wheel Size | Front | | mm | 140*55 | |
| | Rear | | mm | 80*93 (Single Wheel) | |
| | | | mm | 80*70 (Tandem) | |
| Wheels, number Front / Rear (x=drive wheels) | | | | 1x+2/4 | |
| BATTERY | | | | | |
| Battery Voltage / Nominal Capacity | | | V/Ah | 48/15 | |
| Traveling Brake | | | | Regenerate | |
| Brake | | | | Electromagnetic | |
| Sound Level at the driver's ear according to EN 12053 | | | A | <70dB | |
| Service Weight (Including Battery) | | | kg | 119 / 125.5 | |



The POWERPLUS PPTe series Electric Pallet Truck is built for continuous 24/7 operation, offering outstanding performance, durability, and efficiency. Equipped with a high-capacity lithium-ion battery, it supports fast charging and extended runtime, reducing downtime. Its rugged steel frame, ergonomic controls, and precise maneuverability ensure seamless performance in warehouse, logistics, and industrial settings. Featuring advanced safety systems, low maintenance requirements, and a powerful DC drive motor, this pallet truck enhances productivity while optimizing operational costs.