TOYOTA LI-ION Keep moving

Battery & Charger

Lithium-Ion

BT Levio LWE200

BT Levio LPE200/220/250

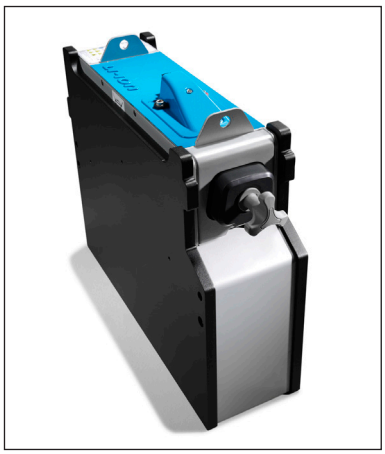
BT Optio OSE250/P

TOYOTA

MATERIAL HANDLING

www.toyota-forklifts.eu

Today the energy is stored in a lead acid or gel battery, which needs a recharging period of between 6 and 12 hours, limiting the possibilities for continuous use in operation. Li-Ion battery trucks provides more energy efficiency and can be charged within one hour. Opportunity charging makes it possible to use Li-Ion batteries with less Ah than lead acid batteries and take away the need for battery change in multi-shift operation.



Battery

- *25,9 V*
- Li-Ion NMC
  (Nickel – Manganese – Cobalt)
- Up to 5000 cycles
- CAN interface with the truck
- Information on battery discharge status, battery cautions and error codes via truck display
- Environment operating temperature:
  » *+2 to +45 degree C*
- Maintenance free
- IP54

Charger

- Power in:
  » *400 Volt, 50/60 Hz*
  » *Fuse 16A*
  » *Standard CEE plug*
- Power out:
  » *24 Volt rated voltage*
  » *100, 200, 250 or 300 Ampere*
- High-frequency charger with high energy efficiency
- Environment charging temperature:
  » *+5 to +40 degree C*
- CAN interface between charger and battery
- Touch screen display where usage and read-out shows past charging time and state of charge
- IP20
- Automatic stop after completed charging process
- Automatic resuming of charging in the event of mains power supply failure
- Recognition of completely charged batteries (via information from the battery management system of connected batteries)
- Automatic recovery charge of deeply discharged modules

Battery Specifications

Model		LWE200	LPE200	LPE220/250	OSE250/P
100 Ah	kg	221	126	—	276
	mm	636 x 198 x 569	636 x 158 x 569	—	776 x 209 x 787
150 Ah	kg	188	90	—	—
	mm	636 x 198 x 569	636 x 158 x 569	—	—
200 Ah	kg	—	—	90	276
	mm	—	—	575 x 244 x 679	776 x 209 x 787
250 Ah	kg	—	—	102	—
	mm	—	—	575 x 244 x 679	—
300 Ah	kg	—	—	—	311
	mm	—	—	—	776 x 295 x 787