Battery Pack for Split-phase Series

LPKSPTBP Battery Pack Specification

Features

- High-Capacity External Battery Pack – Designed to significantly extend the backup runtime of compatible UPS systems for critical applications.
- Tower Configuration with Casters – Space-efficient tower design equipped with heavy-duty caster wheels for easy transportation and installation.
- 20 High-Performance VRLA Batteries – Configured with 20 × 9 Ah maintenance-free sealed lead-acid batteries, providing dependable energy storage and long service life.
- Maintenance-Free Battery Technology – Sealed VRLA batteries eliminate electrolyte maintenance while ensuring safe and reliable operation.
- Fast Recharge.
- Extended Battery Life – Designed to deliver a typical service life of 3–5 years, depending on operating conditions and discharge cycles.
- Easy Mobility – Integrated caster wheels simplify relocation, installation, and maintenance without additional lifting equipment.
- Professional Industrial Design – Compact, modern appearance suitable for data centers, server rooms, telecommunications, healthcare, and commercial power backup applications.



MODEL	LPSPTBP
BATTERY SYSTEM	
Battery Type	VRLA (Lead acid maintenance free battery)
Typical Battery Recharge Time (hours)	6~8 (To 90% of full capacity)
Typical Battery Life (years)	3~5, depend on discharing cycle and ambient temperature
System Voltage (Vdc)	240
Battery Quantity (pcs)	2×20
Capacity (Ah)	7/9
PHYSICAL	
Dimension WxDxH (mm)	250×619×616 (With caster)
Weight (kg)	122/134
ENVIRONMENTAL	
Operating Environment (℃)	0~40
Humidity Range	0~95% (Non condensing)
Noise Level (dB)	<40
Altitude (m)	<1000, derating required between 1000 to 3000
STANDARDS	
Safety	EN IEC 62040-1: 2019 + A11: 2021

1. Specifications are subject to change without prior notice
2. Data above are typical values for reference only, not as a basis for engineering design
3. Remark: MP BT40240 "MP" means series; "BT" means Battery Tower cabinet; "40" means battery number inside the cabinet; "240" means the battery system voltage