

JS BATTERIST

Lithium ion Battery for Drone



Ver. February 2016

Large capacity lithium polymer battery

- Commercial, Public, Industry purpose



Large Drone battery series



PQ-22000LP2 6s1p 18C



PQ-10000XP2 6s1p 25C

NEW PRODUCT FOR DRONE

Model	Capacity (mAh)	C-rate (Conti. / Peak)	Dimension (T x W x L mm)	Configuration	Voltage (V)	Weight (g)
PQ-1000XP2-6S1P	10000	25C	50 x 65 x 198	6S1P	22.2	1325
PQ-22000LP2-6S1P	22000	18C	67 x 98 x 195	6S1P	22.2	2580
PQ-26000XP2-6S1P	26000	25C	45 x 170 x 230	6S1P	22.2	3350
PQ-30000LP2-6S1P	30000	5C	51 x 170 x 230	6S1P	22.2	3680

- PQ-26000XP2 will be ready in June. PQ-30000LP2 is order-made.
- Lithium-ion battery 15C will be introduced in March.

New Development plan in 2016

Public & commercial market demand up

- Surveillance for public infra and commercial buildings
- Longer service time is necessary

Longer service time by replacing battery

- Short fly-service time of lithium polymer battery (10 ~ 60min.)
- Charging and replacing batteries repeatedly

Integration with multi-charge station & battery ESS

- Multi charge station can charge several lipo battery on cradle.
- Transportable charge station installed on a truck or ban.
- Battery ESS replace disel generation clear of noisy and oil.
- Recycle used/old drone batteries into Li-battery ESS.(option)

Multi-charge station & Li-battery ESS

Charging Li-BESS
with EV charger
at night

Multi-charge station
Replace battery for
work time

- ✓ Remove noisy diesel generator
- ✓ No noisy, no oil smell.
- ✓ Good ROI by recycling old drone battery at Li-BESS
- ✓ Effective budget to charge Li-BESS with EV charger

