

# Detachable Battery Pack **BU-16**

The detachable battery pack, BU-16 is specifically designed for SUMITOMO fusion splicers, TYPE-72, TYPE-82 and TYPE-Q102 series.



Specifications	
Part No.	<b>BU-16</b>
Applicable fusion splicer	<b>TYPE-72, TYPE-82</b> series and <b>TYPE-Q102</b> series
Type	Lithium-ion battery
Output voltage (rated)	10.8V
Battery capacity (rated)	6400mAh
Battery capacity indicator	Available with 5-step LED
Battery charger <b>(Option)</b>	BC-16 (with optional AC adapter, ADC-16)
Battery lifespan (Charge cycles)	Typ. 500 cycles
Operating condition	-10 to +50 degree C / Non-condensing
Dimensions	82(W) x 122(L) x 22(H) mm
Weight	Approx. 340g

■Specifications are subject to change without prior notice.

Paying attention to just a few pointers will pay off with a longer battery lifespan and battery life for your fusion splicer. The most important thing is to keep your battery out of the sunlight or a hot car (including not leaving it locked up in a hot trunk during summer). Heat will degrade your battery's performance the most.



## ■ Temperature

Charge : 0 to +40°C

Discharge : -10 to +50°C

Storage : -20 to +50°C (if stored for less than 1month)

-20 to +40°C (if stored for less than 3months)

-20 to +20°C (if stored for less than 1year)

## ■ Battery lifespan (Charge cycles)

-“Battery life” means the time your fusion splicer will run before it must be recharged.

-“Battery lifespan” means the total amount of time your battery will last before it may need to be replaced.

Battery lifespan is based on the number of charge/discharge cycles your battery is capable of to retain more than 70% of its original capacity.

-Battery lifespan vary by use, environment, settings and many other factors.

## ■ Use your battery regularly

-To extend battery lifespan and keep battery indicator accuracy, be sure to go through at least one charge cycle per 3months (charging the battery to 100% and then completely running it down).

-If you are not going to use the splicer, remove the battery pack from the splicer.