

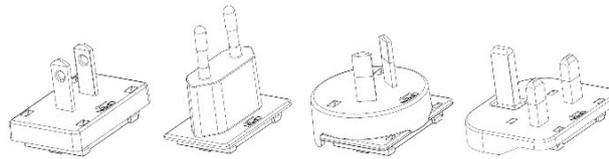
# ACS110 Battery Charger

The Adcon ACS-110 Charger is the ideal device to charge all Adcon NiMH and NiCd batteries with capacities of up to 7000mAh. The charger will automatically detect the chemistry and the charging status of the battery, and select the charging power and strategy suited best for the resp. battery. A push button provides a controlled refresh cycle, slowly discharging the battery and then fully recharging it again, thus eliminating the negative consequences of memory effect. A series of LEDs will inform you on the status of the charging cycle.

The ACS110 is the proper device to charge new batteries prior to their installation, as it provides a much more controlled charge than a solar panel. It is also perfect for refreshing used batteries, and helping to avoid excessive discharge when putting batteries in storage. ACS110 features a 2-pin JST connector compatible with all internal batteries of Adcon's A72x, A73x and A75x RTU's. A 5-pin adapter cable lets you connect the ACS110 directly to the power port of an Adcon RTU. This adapter cable is equipped with an integrated circuit board that will limit the charger's output to 10V to protect the RTU against excessive voltage caused by the high internal resistance of discharged batteries. (Do not attempt to connect the ACS110 to an RTU without this adapter cable!) Primary, interchangeable jacks for Europe, the UK, US and Australia are included.

## Applications

- Charging and refreshing Adcon batteries



Interchangeable primary connectors for the ACS110



Adapter Cable for RTUs



## Technical data

Dimensions	115 x 62 x 45mm (without primary power connector)	Primary power jack	Interchangeable: European, UK, US, Australian
Weight	273g (300g w/ adapter cable)	4 LED Indicators	Yellow: Discharge Green: Charge terminated 2 x Red: Charging & Power
Primary input	100V - 240V, 50/60Hz 17VA 400mA	Cable length	175cm
Secondary output	1,45 ... 14,5V; with adapter cable max. 10V	Ordering Information	
Connectors	1 x 2-pin JST m. to Adcon batteries 1 x 5-pin M9 m. to Adcon RTUs	200.733.550	ACS110 Battery Charger