

J I 1 0 P

INTELLIGENT BATTERY MANAGEMENT CHARGER

Rack-mounted 1U charging system for simultaneous management of seven rechargeable battery packs.

7-BAY	1U RACK	19-IN	3 H FULL	100-250V
-------	---------	-------	----------	----------



01 OVERVIEW

The Jistron JI10P is an intelligent battery management charging box designed for rack-mounted or desktop use. Its 1U chassis fits a standard 19-inch cabinet and can charge seven battery packs at the same time. Spring-pressed docking, gold-plated contacts, press-to-eject battery removal and NCT temperature monitoring support convenient battery charging and management.

02 KEY FEATURES

- **Seven-pack simultaneous charging**

Charges up to seven rechargeable battery packs at the same time.
- **1U rack / desktop design**

Rack-mounted 1U design for a standard 19-inch cabinet or desktop placement.
- **Spring-pressed battery docking**

Battery packs insert accurately and snap securely into place for charging.
- **Gold-plated charging contacts**

Durable high-contact interface helps reduce poor battery contact during charging.
- **NCT temperature monitoring**

Charging circuit monitors rechargeable battery temperature to support battery service life.
- **Press-to-eject battery release**

Pressing the battery pack automatically ejects it for convenient removal.
- **Three-hour full charge**

The dual battery module is fully charged in 3 hours; after one hour charging is nearly 50%.
- **Wide-voltage input**

International 100-250 V input is designed for use across different regions.

03 OPERATIONAL FUNCTIONS

7-BAY CHARGING	1U RACK	PRESS / EJECT	GOLD CONTACTS	NCT MONITOR	100-250V INPUT
----------------	---------	---------------	---------------	-------------	----------------

04 CONTROLS & CHARGING OPERATION

- 1 SEVEN-BAY CHARGING

Seven battery packs can be charged at the same time.
- 2 RACK / DESKTOP INSTALLATION

The 1U chassis can be installed in a standard 19-inch cabinet or placed on a desktop.
- 3 SPRING-PRESSED DOCKING

Battery packs insert accurately and snap into place.
- 4 PRESS-TO-EJECT RELEASE

Pressing the battery pack allows automatic ejection for easy removal.
- 5 GOLD-PLATED CONTACTS

Durable contacts support stable high-quality battery contact.
- 6 NCT TEMPERATURE MONITOR

The charging circuit monitors rechargeable battery temperature during charging.
- 7 FAST CHARGING PROFILE

The dual battery module reaches full charge in 3 hours and nearly 50% after 1 hour.
- 8 WIDE-VOLTAGE OPERATION

Input voltage is designed for international 100-250 V power systems.

05 SYSTEM RELIABILITY & BATTERY MANAGEMENT

- Temperature-aware charging

NCT monitoring helps track rechargeable battery temperature and support battery service life.
- Secure battery retention

Spring-pressed insertion and snap-in positioning help maintain stable battery contact.
- Durable charging interface

Gold-plated contacts are specified for durable, high-contact battery connection.
- Meeting-day charging support

A full charge supports 12 hours of speaking and 15 hours of standby; one-hour charging reaches nearly 50%.

06 TECHNICAL SPECIFICATIONS

SYSTEM & INSTALLATION	
System type	Intelligent battery management charging box
Installation	Rack-mounted 1U or desktop
Rack compatibility	Standard 19-inch cabinet
Charging capacity	7 battery packs simultaneously
Battery docking	Spring-pressed insertion; battery pack snaps accurately into place
Battery release	Press-to-eject automatic battery pack release
Management function	Charging and management of rechargeable battery packs
CHARGING & BATTERY MANAGEMENT	
Charging contacts	Gold-plated contacts
Temperature monitoring	NCT monitor integrated in the charging circuit for rechargeable battery temperature
Full charge time	3 hours
Charge after 1 hour	Nearly 50%
Speech time	12 hours after full charge
Standby time	15 hours after full charge
Short-charge meeting support	One hour of charging is stated as sufficient for a normal meeting within 5 hours
POWER INPUT	
Input voltage	100 V - 250 V
Voltage range	International wide-voltage design suitable for use across various regions

06 TECHNICAL SPECIFICATIONS - CONTINUED

PHYSICAL & INSTALLATION	
Rack height	1U
Rack format	19-inch cabinet compatible
Desktop use	Supported
Charging positions	7 battery pack bays
Battery retention	Spring-pressed snap-in design
Battery removal	Press-to-eject operation

CHARGING INTERFACE & MONITORING	
Contact interface	Gold-plated charging contacts
Temperature monitor	NCT monitor
Monitoring purpose	Rechargeable battery temperature monitoring to support battery service life and efficient electricity use
Full charge	3 hours
One-hour charge	Nearly 50%

07 ORDERING INFORMATION

MODEL	DESCRIPTION	NOTES
J110P	Intelligent battery management charger - 1U rack / desktop, 7 battery-pack charging positions, NCT temperature monitor	100-250 V input; spring-pressed press-to-eject battery docking

Specifications on this datasheet refer to the J110P charging box. Rechargeable battery packs and related conference components are specified separately as required.

08 ABOUT JISTRON

Jistron is a European audio-visual brand headquartered in Tallinn, Estonia. It supplies conference systems, audio processors and installed audio-visual solutions for boardrooms, chambers and command environments; products are manufactured at audited partner facilities.

ADDRESS PÄRNU MNT 142, 11317 TALLINN, ESTONIA · EMAIL [INFO@JISTRON.COM](mailto:info@jistron.com) · WEB [JISTRON.COM](http://jistron.com)

The specifications are subject to change without prior notice.

Copyright © Jistron. All rights reserved.