

ENDURA Charger

VL-2000S

On Sale

V-Mount
Li-ion

NP
Li-ion

2ch Simultaneous Quick Charger with 100W DC Output

- Dimensions:231(W)x82(H)x182(D)mm
- Weight:Charger body approx.1240g
- Charge Current : 4A(1ch)/3A(2ch)
- Input Voltage:AC100V ~ 240V 50/60Hz

The VL-2000S is a V-mount type lithium-ion battery 2ch simultaneous quick charger. Equipped with a life plus charge function to maximize battery life. It also has an external output being an AC / DC adapter which functions as an uninterruptible power supply if a charged battery is installed even if AC power is interrupted.

It is also possible to charge the NP type battery by using the charge plate A-E2NP (on sale separately). In addition, it supports PowerLink charging and can connect and charge maximum 8 of IPL batteries (IPL-150, IPL-98). (**)

【What is the Power-Link Charging】

On the VL-2000S charger, up to four IPL batteries can be stacked on each port. In addition, conventional IDX V-mount batteries can be mounted at the top of each battery stack. The charging will commence from the battery at the top of each stack and will work down as each battery becomes fully charged. Therefore, fully charged batteries are always at the top of each stack. **

** The VL-2000S supports PowerLink charging from firmware v1.02.
The VL-2000S firmware prior to v1.02 can be updated.



ENDURA Charger

VL-4X

On Sale

V-Mount
Li-ion

NP
Li-ion

Dual Sequential Charger

- Dimensions:90.5(W)x177(H)x250(D)mm
- Weight:Charger body approx.1100g
AC adapter approx. 450g
- Charge output:16.8V 1.9A / MAX 2.7A
- Input Voltage:AC100V ~ 240V 50/60Hz



The VL-4X is a slim, lightweight, budget friendly dual sequential charger for V-mount Li-ion batteries. The charger provides sequential charge when batteries are installed on the same side. It provides simultaneous charge to batteries placed one on each side (L/R). An external AC adaptor allows fan-less and silent operation.
※Can charge NP-type battery via optional A-E2NP charging adaptor.

EXCELLENCE STARTS
FROM USERS NEEDS

I·D·



New Products News 2019

© IDX, IDX (logo), ENDURA, endura SYSTEM (logo), PowerLink, V-Lock, V-Mount, Digi-View, CAM WAVE (logo), CROSSGEAR (logo), ENDURA ELITE are registered trademarks of IDX Company, Ltd.
©Design and specification are subject to change without notice.

IDX Company, Ltd.

6-28-11 Shukugawara, Tama-ku, Kawasaki-shi, Kanagawa-ken,
214-0021, Japan

TEL: +81-44-850-8829 fax: +81-44-850-8838

◆Web site◆ <http://www.idx.tv/>

◇Facebook◇ <http://facebook.com/idxjapan>

IDX Technology Europe, Ltd.

Unit 9, Langley Park, Waterside Drive, Langley
Berkshire SL3 6AD UK

Telephone: +44 (0)1753 547692

Email: idx.europe@idx.tv

Website: www.idx.tv

2018.05.APJ

PowerLink V-Mount Battery

Stackable battery solution offers infinite run time and increased versatility.

PowerLink

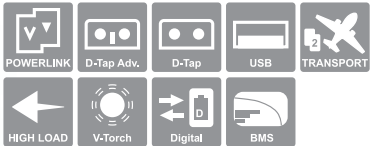


ENDURA Battery

IPL-150 On Sale

143Wh PowerLink Li-ion V-mount Battery with 2xD-Taps & 1xUSB

- Capacity: 143Wh (14.4V 9.9Ah)
- Max Discharge current: 11.4A/125W (14A when linked) * depends on temperature
- Dimensions: 89 (W) × 119 (H) × 85 (D) mm
- Weight: 970g approx.
- End Voltage : 11V
(Auto cut-off protection to prevent over-discharge)
- DC Output: 2x D-Tap (80W each)/ 1x USB (DC5.0V/2.3A)
- D-Tap Advanced *
- Battery Protection: Over charge protection, Over discharge protection, Over current protection, Thermal protection
- Remaining Capacity: 10% scale via 5 LED power indicator.



► PowerLink allows up to four IPL-98/IPL-150 batteries to be linked via V-Mount. Supports hot-swap function that enables long runtime

The IPL batteries are the newest stackable battery solutions for digital cinema cameras where infinite runtimes are required. PowerLink allows up to four IPL-98/IPL-150 batteries to be linked via V-Mount. This feature also allows the last IPL battery linked to be another IDX brand V-Mount battery. The maximum discharge current of the main connector can support up to 14A when PowerLinked. With 96Wh & 143Wh capacities, the IPL-98 & IPL-150 are both high-load batteries that meet the passenger aircraft carry on limit. The IPL batteries also include two 80W D-Taps and one USB output to power multiple accessories simultaneously. Equipped with a V-Torch LED light, this standard feature makes the IPL batteries easy to mount in dark environments. BMS (Battery Management System) is supported. Linked batteries can be stack charged on IDX VL-2000S charger. **

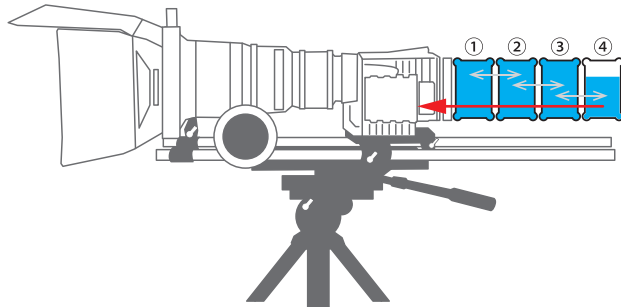
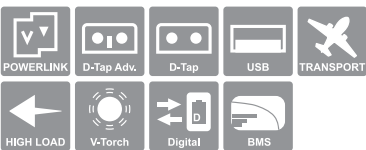
** The VL-2000S supports stacked charging of IPL batteries from firmware v1.02. The VL-2000S firmware prior to v1.02 can be updated. Please check our website for details.

ENDURA Battery

IPL-98 On Sale

96Wh PowerLink Li-ion V-mount Battery with 2xD-Taps & 1xUSB

- Capacity: 96Wh (14.4V 6.6Ah)
- Max Discharge current: 10.9A/120W (14A when linked) *depends on temperature
- Dimensions: 89 (W) × 119 (H) × 70 (D) mm
- Weight: 745g approx.
- End Voltage : 11V
(Auto cut-off protection to prevent over-discharge)
- DC Output: 2x D-Tap (80W each)/ 1x USB (DC5.0V/2.3A)
- D-Tap Advanced *
- Battery Protection: Over charge protection, Over discharge protection, Over current protection, Thermal protection
- Remaining Capacity: 10% scale via 5 LED power indicator.



<Mechanism of IPL battery discharge>

IPL batteries communicate with each other. Priority is to take power from the rearmost mounted battery, but should it become near empty or demand exceed what it can provide, then adjoining IPL batteries will contribute.

Remaining capacity display

The 5 LED power indicators show current capacity in 10 steps (10% increments) when discharging, and in 5 steps when charging.



Safety design

A 2-step lock function, bumpers at the four corners, and a dust-proof connector cover further enhance safety.



Accessory cutoff function

When discharge load approaches the maximum supported, this function prioritizes the supply of power to the main connector (main equipment) by stopping power to the peripheral accessories via D-Tap/USB. (This function can be configured in the settings)

PowerLink

IPL batteries can PowerLink up to four IPL-98/IPL-150 to effectively multiply available capacity. The power is typically drawn from the rearmost battery mounted allowing for 24-hour filming through convenient swapping. Furthermore, other IDX Brand V mount batteries (***) can also PowerLink to the IPL batteries as the rearmost battery.

*** Digital battery: DUO-C198, DUO-C150, DUO-C98, DUO-150, DUO-95, ELITE, E-HL9

Analog battery: CUE-D300, CUE-D150, CUE-D95, CUE-D75, DUO-C190, DUO-C95, E-HL10DS, ELITE-S, E-HL9S



With the VL-2000S dual charger, up to 4 batteries can be charged in PowerLinked status on each port. Similar to discharging, conventional IDX V-mount batteries can be mounted at the top of the stack as well. The VL-2000S charges from the top down (two batteries simultaneously) so fully charged batteries are always at the top of the stack.



IPL Series D-Tap/USB connector

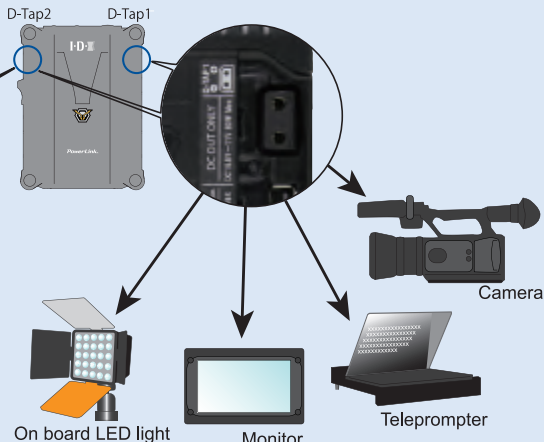
D-Tap Advanced*



The blue color 3 pin D-Tap (D-Tap 2) is called D-Tap advanced and allows safe charging of the battery via specially designed VL-DT1 charger.

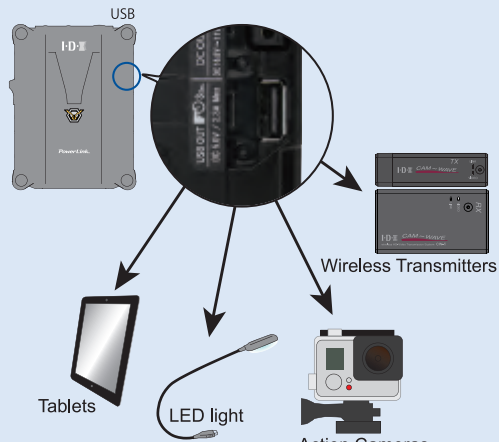


[Charge time]
IPL-150: 370 minutes approx.
IPL-98: 270 minutes approx.



The D-Tap power output function is available from both D-Taps on IPL Series batteries. Designed to power low draw equipment, such as on-board LED lights and monitors, each D-Tap can handle up to a 80W draw. ****

****The total draw applied to the battery should not exceed the battery's max. discharge rate.



The IPL batteries are equipped with 1x USB A-Type connector for powering 5V/2.3A.

V-Torch (LED light)

A mini LED light function available on the back of the IPL Series is useful when mounting the battery in poorly lit areas. (switch ON/OFF by clicking the capacity check button twice and has auto-power off after 10 seconds.)



Communication setting

The remaining battery capacity can be displayed in the camera's viewfinder as either voltage, runtime and/or percentage indication. The SB data mode or IB data mode can be selected by pressing and holding the fuel level check button. Battery information can be read on the view finder by corresponding to selected mode.(This function may not be compliant with some equipment.)



*All IDX batteries are for use with IDX chargers only.
*IDX measures capacity of Lithium ion batteries as minimum capacity.