

VL-PVC1 V-Plate Charger

Instruction Manual



Thank you for purchasing the VL-PVC1. The VL-PVC1 is a single channel portable battery charger that is designed exclusively for use with IDX ENDURA System series batteries. Prior to using the VL-PVC1, IDX recommends reading this Instruction Manual on how to best use the charger. Please keep this manual for your reference.

Specifications

- AC Adaptor Input Voltage : AC100 ~ 240V (50 / 60Hz)
- AC Adaptor Output Voltage / Current : DC12V / 3A
- Charge plate Input Voltage: DC12V \pm 5 %
- Power Consumption : Max. 23W
- Charge Method : Constant Current / Constant Voltage
- Charge Voltage / Current : DC16.5V / 1A
- Compatible Batteries : ENDURA System batteries
- Operating Temperature : 0 ~ 40 °C / 32 ~ 104 °F
- Dimensions :
 - Charge Plate : 83(W) \times 142(D) \times 28(H) mm
3.3(W) \times 5.6(D) \times 1.1(H) inches
 - AC Adaptor : 44(W) \times 74(D) \times 38(H) mm
1.8(W) \times 2.9(D) \times 1.5(H) inches
 - DC Cable : Approx. 1.5m / 59.7 inches
- Weight : Approx. 360g / 0.79lbs

ENDURA Batteries: Charge Times (minutes)

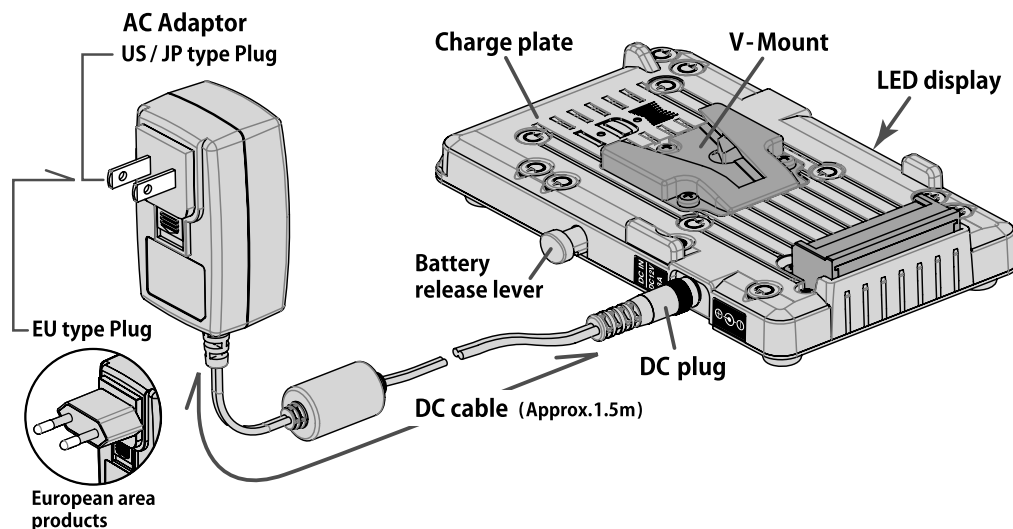
ELITE	E-10/10S	E-HL9/9S	E-7/7S
520	360	340	270

Charging times shown are maximum times in minutes assuming a fully discharged battery is placed on charge. The actual time may vary depending on battery age and frequency of use. Battery models listed include all international ENDURA System series.

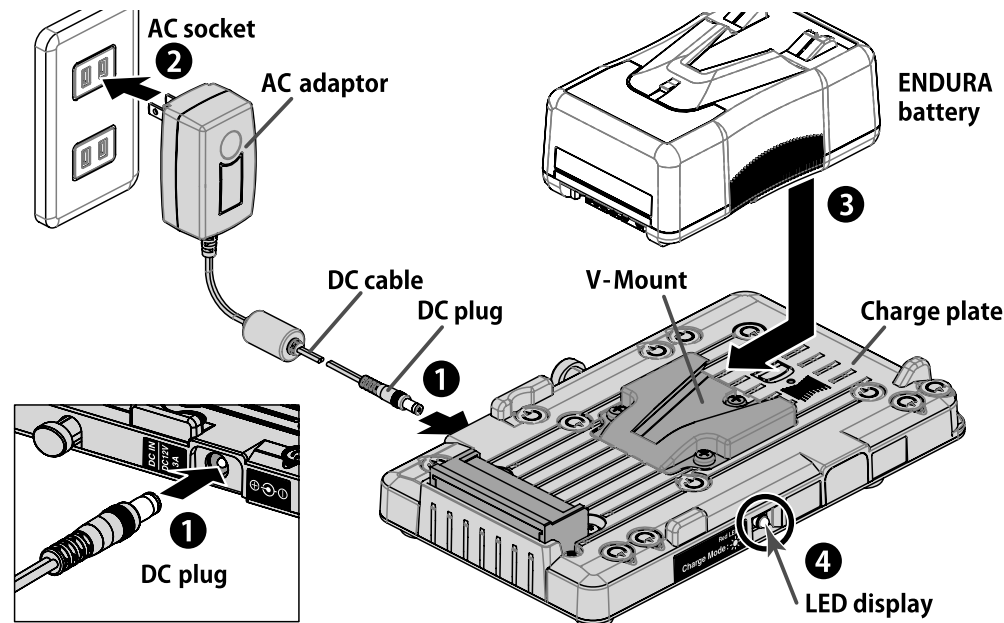
LED Display

Solid Red	☀	Charge Mode
OFF	○	Charge complete (Approx. 90%)

Feature Details



Set up



- 1 First connect the DC plug of the AC adaptor to the charge plate as shown.
 - 2 Next, connect the AC adaptor to the AC socket.
 - 3 Mount the ENDURA system battery pack to the charge plate (lock the battery in place firmly).
 - 4 When the battery is charging, the LED will show solid red. When charging is complete, the LED will shut off.
- * The VL-PVC1 is a portable charger; therefore, the fully-charged capacity is approximately 90%.
- * If a battery that is almost fully charged is mounted on the VL-PVC1, the LED will not activate.

⚠ WARNING

May cause sudden serious injury and death

- Do not connect to an AC power source that exceeds the voltage specification stated on the unit.
- Use only with the compatible batteries listed in this manual.
- Do not short the contact pins with any metal object.
- Do not carry or store with metal equipment.
- Do not immerse in water. Keep the unit away from excessively dry or humid environments.
- Do not attempt to open the outer casing or break it apart.
- Do not subject the unit to extreme physical impact or pressure; do not place any object across the terminals that could cause it to short.
- Do not attempt to use if damaged.
- Protect the power cord from any damage.

⚠ CAUTION

May cause sudden serious injury and death

- The unit should be used under the conditions listed in this manual.
- Do not expose the unit to extremely high temperatures beyond the range listed in this manual.
- The top and bottom surface temperature of the unit will increase during the charging process; this is normal.
- Do not cover the ventilation holes.
- Do not carry or transport the unit with a battery mounted on the charger.
- Use the approved power cord / connector / plug which conforms to the proper ratings (voltage, amperage) and safety regulations of each country as applicable.



Design and specification are subject to change without notice.

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