



# D1220 Battery Pack

Portable power for PS series LED fixtures

The D1220 Battery Pack provides the ColorMaker line of LED fixtures 100% wireless operation. Compatible with the PS line of LED fixtures. There is no need to locate electrical outlets to power the LED fixtures the D1220 has a 20 AH (amp hour) rating and will power the LED fixtures for an extended period of time. See table below for hour ratings.



Constructed of heavy duty aluminum black textured finish its both rugged and cosmetically presentable. Rubber feet on two side to provide the user with a scratch free placement in both the operational and storage positions. The high impact plastic handle design to give the D1220 portability.

Separate power and charge connectors located on side of enclosure connects the two internal SLA (Sealed Lead Acid ) batteries to fixtures and battery charger. Internal fuse provides over current protection in both charge and operating modes.

PCON1 power connectors are available in 1 foot and 10 foot lengths to connect fixture to battery pack. Custom lengths are also available on request.

The D1220 weighs in at 18 pounds and measures 17.8 (length) 5.0 (height) 3.7 (width). Not including handle.

## Batteries

The two sealed GMA batteries are top quality and can be recharged in just a few hours. We offer several types of chargers to meet the usage demand. Batteries can be easily replaced after extended use with a few simple tools. Table below calculates the battery life for our PS line of LED fixtures. Calculations are based on batteries at full charge. Hours are calculated when the battery reaches 20% charge.

Battery life for PS series LED fixtures

Fixture model	Hours of operation with all colors at 100%
PS250	20 Hours
(2) PS250	10 Hours
PS500	10 Hours

## Mounting Fixtures

The D1220 was design to mount the PS series fixtures to top lid of the battery pack. Single or dual fixtures can be mounted. Fixtures can be easily attached using two quick release hardware (sold separately). There are threaded mounting holes in cover so there is no need to remove battery cover to attach fixture bracket. Fixture can be adjusted 180 degree for optimal alignment. The power connection is on the back side to hide all wiring connections. PCON1 are available in 1 foot and 10 foot length. Custom length are available on request.



PCON1-12

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## Storage

The D1220 battery pack can be stored with fixture attached. Fold down the antenna and flip the clear cover to face battery pack to prevent damage to fixture lens.

## Charging

There are several types of chargers made by Battery Tender a leader in SLA battery charging. Depending on the work load of your D1220 the batteries can be charged in a few hours or can be float charged which could take up to 10 hours. All battery tender chargers we offer can be left connected to batteries to maintain a full charge without damage to batteries.

Battery Tender Plus



10 Bank Charger

