amaran

amaran Peak One Sheet

Main Features

- **86.4Wh all-in-one portable battery system**
- **Cable-free power with amaran Ace E-Lock Expansion Module:** Seamlessly powers compatible lights like amaran Pano 60c & 120c without cables
- **Up to 170W combined constant output:** Powers lights, cameras, laptops via 2x USB-C, 1x USB-A ports
- **Flexible mounting options:** Compatible with 3/8-16in & 1/4-20in light stands, tripods, accessories
- **140W USB-C PD fast charging:** Recharge to 50% within 30 minutes or 100% in 1 hour with PD3.1 charger
- **Real-time smart display:** Full-color screen with real-time battery percentage, recharge, & I/O wattage
- **Airline-safe 86.4Wh design:** Complaint with global airline carry-on regulations (under 100Wh)
- **IP54 weather-resistant design:** Dust & splash resistant – ideal for wind, light rain, sand, or humidity
- **Tilt-adjustable quick-locking mount:** Built-in angle adjustment via Ace E-Lock for precise positioning
- **Ergonomic handheld grip design:** Prism-shaped body with silicone grip for comfortable handheld use
- Large **24,000mAh battery capacity:** High-capacity power delivery in a travel-ready, compact form
- Simultaneous fast charging for up to 3 devices
- **Built-in system protection** with overheat alerts & smart power regulation for safe, reliable operation
- Optional **amaran Peak Light Stand Clamp** to secure onto stands, poles, or wherever you create
- Optional **amaran Ace E-Lock Adapter** for directly mounting compatible 1/4-20in or 3/8-16in lights
- Optional **20V USB-C to DC Cable** for powering lights like the amaran COB 60d/x S or Aputure STORM 80c
- Optional **150cm USB-C Cable** for extra reach

Target Audience

Designed to replace traditional NP-F, V-Mount, and third-party power setups, the amaran Peak is an all-in-one, creator-friendly battery system for modern mobile creators. With an airline-safe 86.Wh capacity, up to 170W total output, and 140W USB-C PD fast charging, it delivers uninterrupted power for **travel shoots, mobile vlogging, multi-device workflows, or as a compact power station for studio setups.**

The amaran Peak is built to power your entire setup, wherever and however you create. Use it handheld as a portable battery grip with its amaran Ace E-Lock and ergonomic prism design. Or mount it to stands, tripods, and other accessories with flexible mounting options. From lights and cameras to phones and laptops, the amaran Peak gives you the flexibility to stay powered whether you're in the studio or on the move.

Product Description

The amaran Peak is an 86.4Wh portable battery system built for on-the-go creators who need compact, reliable power – delivering up to 170W of combined output to run your entire setup. Designed to simplify traditional cinema battery workflows, it offers cable-free operation via the amaran Ace E-Lock, 140W USB-C PD fast charging, and flexible support for handheld, stand-mounted, or clamped setups.

Cable-free power with amaran Ace E-Lock. The amaran Peak delivers direct, cable-free power to Ace E-Lock compatible lights – like the amaran Pano 60c & 120c – using the included Ace E-Lock Expansion Module. This secure, quick-locking connection lets you power your light in seconds, with no cables, no clutter, and stable output at full brightness.

One battery system for all your gear. Replace traditional NP-F, V-Mount, and third-party batteries with a single, high-capacity 86.4Wh system that powers your entire workflow. With up to 170W of combined output, 140W USB-C PD fast charging, and dual USB-C plus USB-A ports, the amaran Peak runs your lights and charges devices like cameras, phones, and laptops. And with optional accessories, you can power and mount even more of your gear – all from one streamlined, creator-friendly solution.

Flexible mounting options that adapt to you. Featuring a native 3/8-16in mounting point and included 1/4-20in screw adapter, attach the amaran Peak directly to light stands, tripods, or other accessories. For even more flexibility, the optional amaran Peak Light Stand Clamp lets you mount it wherever your setup takes you – whether shooting outdoors, on location, or in unconventional spaces.

Real-time information with smart display. Get full visibility into battery percentage, recharge time, and input/output power – all at a glance on the amaran Peak's full-color smart display. Plus, built-in alerts for overheating and automatic power management keeps your gear protected, so you can create and charge with confidence.

Built for real-world conditions. With an airline-safe 86.4Wh capacity and an IP54 dust and splash resistance rating, the amaran Peak is ready for travel and tough environments – from location shoots to unpredictable outdoor setups.

Rated Output

USB-C1	5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓5A, 28V⎓5A (140W Max)
USB-C2	5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓5A, 28V⎓5A (140W Max)
USB-A	5V⎓3A, 9V⎓3A, 12V⎓5A (30W Max)
USB-C1 + USB-C2	100W + 65W (165W)
USB-C1 + USB-A	140W + 30W (170W)
USB-C2 + USB-A	140W + 30W (170W)
USB-C1 + USB-C2 + USB-A	65W + 65W + 18W

amaran Peak Specifications

Battery Capacity (Max)		86.4Wh / 24,000mAh
Battery Capacity (Min)		82.08Wh / 22,800mAh
Ports		2x USB-C, 1x USB-A, 1x amaran Ace E-Lock
Max Total Output		170W
USB-C Max Power Input		140W
Rated Capacity		13,200mAh (5V⎓3A)
Supported Protocols		PD, QC
Charge Time	**65W**	75 Mins.
	140W	60 Mins.
Operating Temperature		-10°C - 40°C / 14°F - 104°F
Storage Temperature		-20ºC - 80ºC / -4ºF - 176ºF
Screen Type		TFT
Control Method		Button
Cooling Method		Passive Cooling
Noise Level		0dBA
Cycle Life		800+ Cycles (80% Capacity)
Conversion Efficiency		≥78%
Dimensions	**amaran Peak**	17.6 x 6.4 x6.1cm 6.93 x 2.52 x 2.40in
	Ace E-Lock Module	6.92 x 6.10 x 5.02cm 2.72 x 2.40 x 1.98in
	USB-C Cable	50cm / 19.69in
Weight	**amaran Peak**	791.0g / 1.74lbs
	Ace E-Lock Module	243.0g / 0.54lbs

What's in the Box

Name	Qty
amaran Peak	1
amaran Ace E-Lock Expansion Module	1
amaran USB-C Charging Cable (50cm)	1
1/4-20in to 3/8-16in Screw Adapter	1
Drawstring Pouch	1

Battery Runtime

Fixture (Max Power)	Runtime (100%-0%)
amaran Pano 60c	69 Mins.
amaran Pano 120c	31 Mins.
amaran COB 60d S	45 Mins.
amaran COB 60x S	45 Mins.

Sales & Shipping Information

Product Name	amaran Peak
SKU	MP0506013X
UPC	6977162450070
Packing Dimensions	19.9 x 16.0 x 9.0cm 7.83 x 6.30 x 3.54in
Net Weight	1.16kg / 2.56lbs
Gross Weight	1.36kg / 3.00lbs
Carton Quantity	12 pcs
Carton Dimensions	50.5 x 39.0 x 27.0cm 19.88 x 15.35 x 10.63in
Carton Weight	17.50kg / 38.58lbs

Rated Input

USB-C1	5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓5A, 28V⎓5A
USB-C2	5V⎓3A, 9V⎓3A, 12V⎓3A, 15V⎓3A, 20V⎓5A, 28V⎓5A