

POWER 140

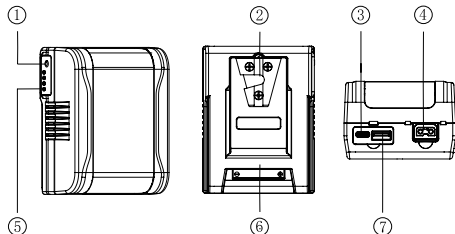
Rechargeable Li-ion V mount Battery

Thank you for choosing MOMAN product.
Please read this manual carefully before use and follow all instructions mentioned herein.

Caring For Your MOMAN Product

- Please keep the product in a dry, clean, dust-free environment.
- Keep corrosive chemicals, liquids and heat source away from the product to prevent mechanics damage.
- Use only a soft and dry cloth for cleaning the product.
- Malfunction may be caused by dropping, impact of external force.
- Do not attempt to disassemble the product. Doing so voids warranty.
- Please have the product checked or repaired by authorized technicians if any malfunctions happened.
- Failure to follow all the instructions may result in mechanics damage.
- Warranty does not apply to human errors

Appearance



- ① Indicator button ② V-mount lock ③ TYPE-C ④ D-TAP
⑤ Power indicator light ⑥ BP Interface ⑦ USB-A

Attention

- It is normal for batteries to get hot during charging and use.
- Keep the pole of the battery clean to ensure a better use experience.
- Keep the battery in a cool and dry place for long-term storage. It is recommended to keep the battery level above 50%.
- After ten days, the battery will enter sleep mode automatically and the output will be turned off. Press the indicator light button to restore the output.

Product feature

- One both-way Type-c interface, can supply power to mobile device or becharged with Type-c charger.
- One both-way D-TAP interface, can supply power to other device or becharged with this interface.
- One USB-A interface, can supply power to other device.
- Four level LED show the life and percentage of the battery capacity,
- Built-in multiple control circuit, with temperature, voltage, current all-round protection.

Charging Instruction

- During the charging process, the LED light shows the percentage of remaining battery(25%,50%,75%,90%).
- Batteries can be charged in the temperature range of 0~40° C, but we recommend charging in the temperature range of 10~30° C to ensure optimal battery performance.

Discharging Instruction

- At low temperatures, the internal resistance of the battery increases, and the discharge time is shortened. When the load is heavy, the battery may be automatically cut off.
- USB and D-TAP interface overload will cause output shutdown, press the button to restore.
- Please put on the rubber cover immediately after use to avoid dust.
- The battery can discharge in -20°C ~50°C ;The battery performs best when used in the temperature range of -10 ~40°C .

Indicator Light

- The LED indicator from E to F respectively represents the percentage of electric quantity: 25%、50%、75%、90%.

Capacity percentage	F → E
≥90%	●●●●
75%~90%	★●●●
50%~75%	○★●●
25%~50%	○○★●
<25%	○○○★

- Troubleshoot

F → E ★●○○	The battery runs out or is protected.Wait for a period of time and check the indicator status. If the indicator status is recovered, it indicates that the battery is exhausted. Charge the battery as soon as possible.
F → E ○○★●	Overcurrent, overtemperature or overvoltage of charge.Please remove the battery and wait for the battery to recover by itself.Overcharging please put the battery in the shade, after a few minutes of cooling, the battery will automatically recover;Remove the battery and discharge it to reduce the battery voltage.
F → E ★★★●	The battery cannot be charged or discharged.Please put the battery in a cool place and wait for the core temperature to decrease (recommended > 30 minutes). Then hang the battery on the charger and try to charge. If the battery is charged normally, the battery will return to normal.

Specification

Mount type	V-mount			
Nominal voltage	14.4V			
Capacity	140Wh/9.7Ah			
Interface	Electric pole × 1	Output	150W/12A	
		Input	16.8V≐3A	
	TYPE-C × 1	Output	65W(Max), 5V/9V/12V/15V/20V(Max)≐3.25A Protocol: 1. BC1.2, IOS and SAMSUNG 2. QC2.0, 3.0 3. FCP, SCP 4. PD2.0, 3.0	
			Input	5V/9V/12V/15V/20V(Max)≐2.4A
		D-TAP × 1	Output	120W/10A
			Input	16.8V≐3A
	USB × 1	Output	10W, 5V≐2A	
		Total Output	150W/12A	
	Charging temperature			0~40°C (suggest 10~30°C)
	Discharging temperature			-20°C~50°C (suggest -10~40°C)
Other parameters	Electromagnetic compatibility		EN55032, EN55035	
	Safety		IEC62368, UN38.3	
	Fall		1.2m bare device falls freely	
	Dimension		105.0mm × 79.6mm × 55.5mm	
	Net weight		0.713kg	

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