

Mobile DVR accessories



QH-UPS10

Key Features

Waterproof and vandal proof UPS

The UPS is high-end backup power which designed for vehicle MDVR products.

It can support 1 to 2 hours after power off.

The input section uses a lithium iron phosphate battery and special charge management IC; and it uses the high efficiency DC-DC buck-boost switching circuit.

In order to achieve accurate voltage overshoot, over-discharge voltage, current overload and short circuit protection it uses a battery cell Protection control circuit.

Rated input voltage is 8 ~ 36V DC. When the supply voltage of vehicle MDVR is less than 9V or unexpected power failure the vehicle MDVR will automatically switch to UPS.

Caution: MDVR will work five minutes default after the vehicle keys close, if customers want to lengthen working hours after power failure, please change the delay time on the DATE&TIME interface of MDVR.

IC control technology and multiple protection circuit;

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Factory Address: 12/F,C area, HuiLongDa Industrial Park,Shiyan street,
Baoan district,Shenzhen city, Guangdong province, China.





Specification

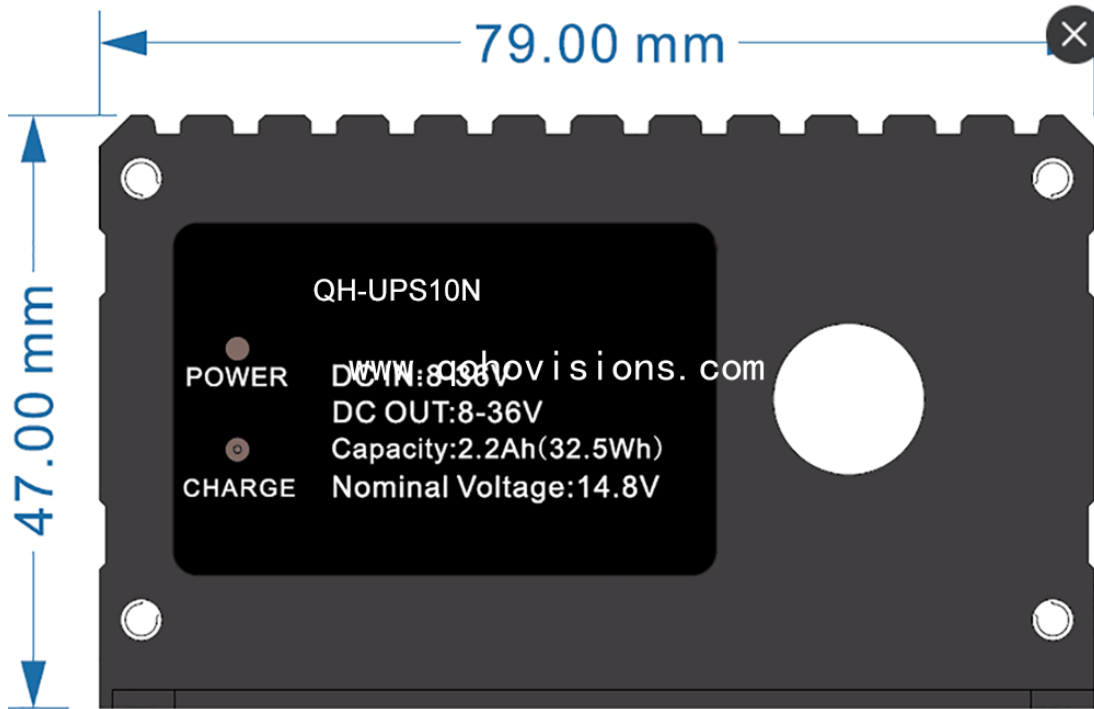
Projects	Technical indicators	Unit	Remark
working temperature	-20~75°C	°C	
vibration resistance	MIL-STD-810F	°C	
power performance	ISO 7637		
shock limit	≤2000	G	(19,600M/S2)@1MS
waterproof rating	IP53		
machine power	0.01	W	
cooling	metal cooling		natural cooling
Input Characteristics			
Projects	Technical Requirements	Unit	Remark
Input voltage	8V~36V	Vdc	
Conversion efficiency	≥85%		
Maximum input current	≤2.6	A	12V below
Output Characteristics			
Projects	Technical Requirements	Unit	Remark
Output Current Range	0~1.4	A	
Output Voltage Range	8~9.7	V	
Noise	≤50	dB	
Protection Characteristics			
Project	Technical Requirements	Unit	Remark
Discharge voltage protection (batteries)	8	V	Over discharge release 7V
Charging voltage protection (batteries)	10.9	V	Overcharge release 10.95V
Load current (batteries)	≥1	A	
Output over-current	≥6	A	Lock(protection)

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This Product can work with:

8ch H.265 Mobile DVR	8ch 1080P Mobile DVR	4ch AHD + 4ch IPC Mobile DVR	4ch single SD Card MDVR
			

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