



Mobile Mounts Accessory Power Distribution Unit

Power all your devices without interruption

The Accessory Power Distribution Unit is ideal for applications where there are several devices (radios, modems, AVL, etc.) that need to have uninterrupted, continual power. This product has all the features of the standard VPDU – with four(4) mini-ATO fuses controlled by the timer and one(1) constant ‘on’ – and adds six(6) more fuses that are constant ‘on’.

The Accessory Power Distribution Unit can offer a space saving and cost effective solution to adding circuit protection when there are limited available constant ‘on’ fuse positions on the standard VPDU. Units can be ordered with quick-disconnect, environmentally sealed Weather Pack connectors.

Circuits: Seven (7) continuous power (120 Amps max); four (4) timed power (30 Amps max)

USB Ports: None

Dimensions: 1.75" (4.5 cm) H x 7.25" (18.4 cm) W x 11.25" (28.6 cm) D

Weight: 2.06 lbs. (0.9 kg)



Features

- Ideal for applications where several devices need to have uninterrupted, continual power.
- Dip switch setable time delay from 15 seconds - 8 hours (constant ‘on’ is also available).
- Low voltage cutoff at 10.5 Volts.
- High voltage cutoff at 18.0 Volts.
- Loads up to 150 AMPS total; 30 Amps max per circuit.
- LED display indicates the time delay and status.
- Automatic activation by seeking battery voltage.
- Optional activation by wiring to ignition sense point.
- Four circuits controlled by timer.
- Over-ride switch for 15 minutes of on-demand operation.
- LED lights show operative state of fuse positions.
- Reverse polarity protected.
- 3 year limited warranty by MOBILE MOUNTS.
- **Limited lifetime warranty.**



Product number

7300-0041

Mobile Mounts product code: MM-APDU



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Specifications	
Circuits	Seven (7) continuous power; four (4) timed power
Maximum Amperage	150 AMPS total; 30 AMPS max per circuit
Negative Bus	Ground bus strip
Screw Terminal Type	#8-32 screws with captive star lock washer
Sensing modes	Voltage rise and hard-wired ignition sense, hard-wired mode will over-ride 'automatic' voltage rise mode if present
Battery voltage rise (turn-on) trigger	>13.1 Volts
Battery voltage to trigger timer sequence	<12.7 Volts
Ignition 'on' threshold, if used	>5.0 Volts
Ignition 'off' threshold, if used	<2.5 Volts
High battery voltage disconnect	>18 Volts
Low battery voltage disconnect	<10.5 Volts
Low battery voltage disconnect delay to allow for cold cranking	30 seconds
Low battery voltage for timer to still operate	5-6 Volts. Be able to ride a voltage drop below 5 Volts for about 15 Milliseconds
Input voltage range	9-18 Volts
Maximum output current	50 AMPS total
Current draw in OFF mode	18 Milliamps
Current draw in ON/TIMING mode	190 Milliamps typical
Time delay range (dip switch adjustable)	15 seconds - 15 minutes - 1 hour - 2 hours - 3 hours - 4 hours - 8 hours - constant
OVER-RIDE SWITCH mode	15 minutes. OVER-RIDE SWITCH will not function if the high battery voltage is detected to be >18 Volts
Special switch functions	Depressing OVER-RIDE SWITCH for >4 seconds will shut timer OFF. If the engine is running or the ignition sense voltage is present, the timer will resume operation once switch is released
Operational display - Numeric LED	Will display the timer interval in green. Once time starts the countdown sequence, the LED will blink on and off.
Operational LED indicator lights	Lit when circuits 1-4 are active ~ Lit when 'constant' is active ~ Lit when DC voltage is present
Operating temperature	0-70° C, derate above 50° C to 50% at 70° C
Reverse polarity protection Included	Included