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**TOWA Tools PDM Sales Sheet**

**September 2022**

## TOWA Tools 4-CHANNEL PDM

## THE SMARTEST WAY TO CHARGE

### TOWA TOOLS TTPDM120S 4-CHANNEL PDM - SMART CHARGER

The TOWA PDM™ (Power Distribution Manager) is the next generation of smart battery charging appliances designed for professional landscapers in the Outdoor Power Equipment industry. The TTPDM120S 4-Channel PDM intelligently charges four batteries without overloading an electrical circuit by detecting amp draw requirements for each battery, safely distributing power to each battery charger.

#### CHARGER AGNOSTIC

By managing all the connected power outlets the PDM can be used to charge batteries from any manufacturer regardless of different amperage and voltage specifications. Simply plug the chargers into the PDM outlets and this SMART charger will efficiently manage the loads, automatically switching between outlets to charge as many batteries as the input circuit can handle.

### REDUCE YOUR CHARGING COSTS

Large deployment of battery powered tools will increase your monthly electricity demand and could potentially overload circuit breakers from limited standard power supply. Upgrading electrical panels to increase utility power is very costly. The PDM allows landscapers utilize existing available power outlets and circuits to charge up to 4 batteries at the same time. With cost savings and efficiency in mind the PDM lowers electrical costs and save multiple headaches.

### STACK AND DOUBLE YOUR CHARGING INFRASTRUCTURE

The latest TTPDM120S 4-Channel PDM now has a 5th outlet that is able to link with additional TTPDM120S PDM models, Towa's latest technology provides the option to expand your charging infrastructure by daisy-chaining multiple PDM's to charge more than four batteries at once.

## The Smartest Way To Charge

### TTPDM120S 4-Channel PDM - Features



Automatically throttles total amperage draw to prevent tripping breaker

Outlet memory restores outlet state in the event of a power outage

Four-segment LED displays total system amperage draw

**NEW Feature** Option to daisy chain or stack multiple TTPDM120S PDM's to double or quadruple your charging infrastructure

**NEW Feature** Includes latest update of tamper-resistant outlets as an added safety feature



Smart power outlet monitoring checks battery charging status every 2-minutes to open and close charging ports





POWERING UP FOR 2024 & BEYOND!

Towa Industries Inc. provides electric power solutions for the residential and professional landscape industry. With over 50 years of experience in the OPE and EV Charging space, Towa has innovated entirely new solutions to meet the upcoming regulations for 2024 and beyond. Towa manufactures products that are cost-effective and scalable for landscapers to lead the change from gas to battery.

Start Your Retro-Evolution Today at [www.towatools.com](http://www.towatools.com)

## TOWA TTPDM120S 4-Channel Power Distribution Manager

### FREQUENTLY ASKED QUESTIONS

#### How many battery devices will the PDM charge?

Each PDM is capable of handling up to four 16Amp battery packs. Each individual PDM can be connected to power multiple PDM's of a single outlet.

#### Does the PDM require a special plug?

No, the PDM uses a U.S. standard NEMA 5-20P or NEMA 5-15P.

#### Where do I use the PDM?

The PDM is designed to stand alone and you ideally locate the unit in an area where all your batteries would be charging.

#### If I plug in all my batteries and walk away, will the PDM work automatically?

Yes, the PDM is designed to rotate automatically switching between battery loads.

#### How does the PDM know how to charge each battery?

The PDM senses the load and charges the device until full then moves on to the next device in sequence.

#### Is there a way to monitor load on an interface?

Yes, PDM is capable of connection to web-interface as an added option upgrade.

#### What do you mean by Trigger Point?

Trigger point is the point at which a newly added device caused the capacity to be reached.

#### If the outlet gets shut off due to capacity being reached, will it know to turn back on?

Yes, the PDM continuously monitors the loads and when amps become available for the next device in sequence, the outlet will be turned on to complete the charge.

#### Do I have to manually program any timers?

No, the PDM continually checks the status of the entire unit as well as individual outlets.

#### Does the PDM come with any warranties?

Yes, the PDM comes with a Standard 2- year warranty against any manufacturing or functional defects. There is an option to purchase an Extended Warranty for \$49.95 which simply extends the original warranty. Then you will be covered for 3 years from date of purchase.

PDM Specifications	Product No.	TTPDM120S
	Weight	2 lbs
	Specification Input	120V 50/60hz 20A
	Specification Output	(4) NEMA 5-20R sockets
	Dimensions: (W x L x H)	12 in W x 7.25 in D x 2 in H
	Compatibility	Charges any standard charger
	Warranty	2-Year Warranty

Patents  
Protected under the following patents and patent pending:  
20040064198, 7550870,  
7630186, 7672104

Pending UL 60730-1  
Automatic Electrical  
Controls



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