



PDM

Model

PDM-20-8



PDM

The TOWA PDM™ (Power Distribution Manager) is the first SMART battery charging appliance designed for professional landscapers in the Outdoor Power Equipment industry. The PDM intelligently charges multiple batteries without overloading an electrical circuit by detecting amp draw requirements for each battery, then safely distributing power to each battery charger. It's a plug-and-play solution to charge all your batteries everyday.

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.

Lower Cost & Less Infrastructure

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 the landscaper to utilize existing available power outlets and circuits to charge up to 8 batteries at a time. With cost savings and efficiency in mind, the PDM lowers electrical costs and can scale to grow with your business.

Features

- Intelligent power management activates outlets
- Built-in software circuit breaker safely throttles total amperage draw
- SMART power outlet monitoring
- Seven-segment LED displays total system amperage draw
- Outlet memory restores outlet state in event of power outage
- Web-enable interface (optional)

Authorized Distributor:
Gardenland Power Equipment
www.gardenland.com/towa
TOWA Industries LLC

info@towatools.com

(650) 204-0019

Specification

Input:
120V 50/60hz
NEMA 5-20R 20A

Output:
(8) NEMA 20R

Dimensions:
17W x 10.35D x 1.75H

Warranty
2-Year Limited Warranty

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

Standard

UL 60950-1
CSA C22.2





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FREQUENTLY ASKED QUESTIONS (FAQs)

- **How many battery devices will the PDM charge?**
Each PDM is capable of handling up to eight 16Amp battery packs.
- **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 standalone and you ideally locate the unit in an area where all your batteries would be charging.
- **What is the size of the device?**
The PDM is 17W x 10.35D x 1.75H [inches]
- **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.
- **Does PDM have any certifications?**
Yes, PDM is UL 60950-1 and CSA C22.2
- **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 comes with built-in timers called 'wake-up timers' that continually check 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'll be covered for 3 years from date of purchase.

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