

# MONSTER CHARGER MOBILE EV CHARGING TRAILER

**HYBRID SOLUTION FOR TEMPORARY POWER  
AND EV CHARGING IN AN AREA WITHOUT POWER  
EQUIPPED WITH MULTIPLE HIGH-POWER DC FAST CHARGERS**





- Increases EV charging capacity during a storm restoration, street event, power outage, and other temporary needs.
- Supports EV fleets and improves peak-load management during high-demand hours, especially in areas with limited infrastructure.
- Provides emergency backup power and EV charging for critical customers during an outage or grid limitation.

TECHNICAL SPECIFICATIONS AND APPLICATIONS

Specification	Dual POD	Quad POD	Hexa POD
<b>Mobile EV charging application</b>			
Number of EV chargers	Up to 2	Up to 4	Up to 6
EV charger specification	<ul style="list-style-type: none"> <li>• 50 kW Level 3</li> <li>• CCS / CHAdeMO</li> <li>• Optional Level 2</li> </ul>	<ul style="list-style-type: none"> <li>• 120 kW Level 3</li> <li>• CCS / CHAdeMO</li> <li>• Optional Level 2</li> </ul>	<ul style="list-style-type: none"> <li>• 120 kW Level 3</li> <li>• CCS / CHAdeMO</li> <li>• Optional Level 2</li> </ul>
Total EV charging capacity	200 kWh	1 MWh	1.2 MWh
Charging capacity (# of EVs) (Base: 50 kWh EV battery size)	<ul style="list-style-type: none"> <li>• Full charge: 4</li> <li>• Half charge: 8</li> </ul>	<ul style="list-style-type: none"> <li>• Full charge: 20</li> <li>• Half charge: 40</li> </ul>	<ul style="list-style-type: none"> <li>• Full charge: 25</li> <li>• Half charge: 50</li> </ul>
<b>Backup power application</b>			
Power rating (three-phase)	50 kW	500 kW	1 MW
Backup power connection	<ul style="list-style-type: none"> <li>• Three-phase</li> <li>• 208/480 V, 600 V</li> <li>• Optional single-phase output</li> </ul>	<ul style="list-style-type: none"> <li>• Three-phase</li> <li>• 208/480 V, 600 V</li> <li>• Optional single-phase output</li> </ul>	<ul style="list-style-type: none"> <li>• Three-phase</li> <li>• 208/480 V, 600 V</li> <li>• Optional single-phase output</li> </ul>
<b>General</b>			
Onboard battery recharging time (rated three-phase power)	5 hours	2.5 hours	1.5 hours
Battery recharging options	<ul style="list-style-type: none"> <li>• PV system</li> <li>• Grid connection (three-phase)</li> <li>• Diesel or gas genset</li> </ul>	<ul style="list-style-type: none"> <li>• PV system</li> <li>• Grid connection</li> <li>• Diesel or gas genset</li> </ul>	<ul style="list-style-type: none"> <li>• PV system</li> <li>• Grid connection</li> <li>• Diesel or gas genset</li> </ul>

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