Innoversa
A QUANTA SERVICES COMPANY

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

FEATURES

- 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
Mobile EV charging application	Number of EV chargers	Up to 2	Up to 4	Up to 6
	EV charger specification	• 50 kW Level 3 • CCS / CHAdeMO • Optional Level 2	• 120 kW Level 3 • CCS / CHAdeMO • Optional Level 2	• 120 kW Level 3 • CCS / CHAdeMO • Optional Level 2
	Total EV charging capacity	200 kWh	1 MWh	1.2 MWh
	Charging capacity (# of EVs) (Base: 50 kWh EV battery size)	• Full charge: 4 • Half charge: 8	• Full charge: 20 • Half charge: 40	• Full charge: 25 • Half charge: 50
Backup power application	Power rating (three-phase)	50 kW	500 kW	1 MW
	Backup power connection	• Three-phase • 208/480 V, 600 V • Optional single-phase output	• Three-phase • 208/480 V, 600 V • Optional single-phase output	• Three-phase • 208/480 V, 600 V • Optional single-phase output
General	Onboard battery recharging time (rated three-phase power)	5 hours	2.5 hours	1.5 hours
	Battery recharging options	• PV system • Grid connection (three-phase) • Diesel or gas genset	• PV system • Grid connection • Diesel or gas genset	• PV system • Grid connection • Diesel or gas genset

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