Electric charging

Fast charger specifications

The CQ-S R mobile energy storage system from Pon Energy Rental is a compact, road-towable solution designed to deliver reliable and flexible power wherever it is needed. With a nominal capacity of 229 kWh and 200 kWh available for use, it is perfectly suited for applications such as electric vehicle charging, temporary events, construction sites and emergency backup power.

The system offers both AC and DC charging and discharging capabilities, including high-capacity CCS2 fast charging, making it compatible with a wide range of electric vehicles and equipment. Built for demanding environments, the CQ-S RT is IP54-rated, operates in temperatures from −20 °C to +45 °C, and is equipped with efficient air-cooling technology for dependable performance. Its round-trip efficiency of over 82% ensures maximum energy output with minimal losses, while integrated fire detection and remote monitoring via Ethernet, Wi-Fi or GSM provide peace of mind and operational control.

Compact in size yet powerful in operation, the CQ-S RT combines portability with durability, offering smart connectivity through OCPP 1.6 to integrate seamlessly into modern energy networks. With its robust trailer-mounted design, this innovative solution provides sustainable, efficient and safe mobile energy storage, enabling businesses and organizations to stay powered anywhere, anytime.

Technical information

Model		CQ-S
Nominal energy	kWh	229
Available energy	kWh	200
Re-charge connection - AC	VAC, Hz, A, kW	400, 50, 125, 86
Re-charge connection - DC	V DC, A	320-461, 250, CCS Type 2
Discharge connection - DC	V DC, A	200-920, 200, CCS Type 2
Discharge connection - AC	V, Hz, A	230, 50, 16, 1P+N+PE
Cable length	m	6
Maximum DC Current for discharging	A	200
Nominal round-trip efficiency (IEC 62933-2-1)	%	>82
IP rating	-	IP54
Ambient conditions	°C	-20 to +45
Cooling	-	Air cooled
Dimensions of the trailer with unit [LxWxH]	mm	4730x1860x2310
Dimensions of the unit [LxWxH]	mm	2700x1600x1630
Weight (unit only)	kg	3000
Weight (total)	kg	3465
Detection	-	Fire
Remote monitoring	-	Ethernet/WiFi or GSM
Communication	-	Open charge point protocol 1.6

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.

*<45min drift

**We're here
to help**