
PACCAR POWER SOLUTIONS

EV QUICK REFERENCE GUIDE



PACCAR POWER SOLUTIONS

AC Wall Box

19.2 kW

General

Supplier	ABB
Charger (kW)	19.2
Unit Part Number	6AGC081291
# of J1772 Cables	1
Dual Truck Charging Capability	No

Electrical Specs

AC Input Voltage	208 / 240 VAC +/- (60 Hz)
AC Input Connection	1-Phase
Input Power Rating	80 A, 19.2 kVA
Recommended Upstream Circuit Breaker	100 A
Cable Length (ft)	25
Commissioning	Via ABB App



Included in Charger Purchase

Warranty (Years)	2
Activation	Yes

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	7.3	10.9	14.7	20.6

* Charging times are theoretical. Thermal derating on charger and vehicle are dynamic and charging times may vary.

** Please contact EVCharging@PACCAR.com for more information.

PACCAR POWER SOLUTIONS

DC Wall Box

22 kW

General

Supplier	ABB
Charger (kW)	22
Unit Part Number	6AGC079381
# of CCS1 Cables	1
Dual Truck Charging Capability	No



Electrical Specs

AC Input Voltage	208 / 240 VAC +/- (60 Hz)
AC Input Connection	1-Phase
Input Power Rating	100 A, 20.8 - 24 kVA
DC Peak Output Power	22.5 kW
DC Output Voltage	150 - 920 VDC
DC Output Current	60 A
Recommended Upstream Circuit Breaker	125 A
Cable Length (ft)	23
Commissioning	Site Electrician

Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Activation	Yes

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	7.3	10.9	14.7	20.6

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PACCAR POWER SOLUTIONS

DC Wall Box

24 kW

General

Supplier	ABB
Charger (kW)	24
Unit Part Number	6AGC081364
# of CCS1 Cables	1
Dual Truck Charging Capability	No



Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input Power Rating	32 A, 26.6 kVA
DC Peak Output Power	24 kW
DC Output Voltage	150 - 920 VDC
DC Output Current	60 A
Recommended Upstream Circuit Breaker	50 A
Cable Length (ft)	23
Commissioning	Site Electrician

Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Service Level Agreement (Years)	2
Activation	Yes

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	7.3	10.9	14.7	20.6

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DC

50 kW

General

Supplier	ABB
Charger (kW)	50
Unit Part Number	6AGC084934
# of CCS1 Cables	1
Dual Truck Charging Capability	No



Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input Power Rating	64 A, 54 kVA
DC Peak Output Power	50kW
DC Output Voltage	200 - 920 VDC
DC Output Current	125 A
Recommended Upstream Circuit Breaker	80 A
Cable Length (ft)	19.6
Commissioning	Site Electrician

Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Service Level Agreement (Years)	2
Activation	Yes

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	2.8	4.1	5.5	8

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ChargeMax

120 kW

General

Supplier	ABB
Charger (kW)	120
Unit Part Number	6AGC106951
# of CCS1 Cables	2
Dual Truck Charging Capability	Yes



Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input Power Rating	153 A, 128 kVA
DC Peak Output Power	120kW
DC Output Voltage	150 - 920 VDC
DC Output Current	200 A
Recommended Upstream Circuit Breaker	200 A
Cable Length (ft)	19.6
Commissioning	Site Electrician

Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Service Level Agreement (Years)	2
Activation	Yes

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	1.3	1.9	2.7	4

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ChargeMax

180 kW

General

Supplier	ABB
Charger (kW)	180
Unit Part Number	6AGC106949
# of CCS1 Cables	2
Dual Truck Charging Capability	Yes



Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input Power Rating	230 A, 192 kVA
DC Peak Output Power	180 kW
DC Output Voltage	150 - 920 VDC
DC Output Current	200 A
Recommended Upstream Circuit Breaker	300 A
Cable Length (ft)	19.6
Commissioning	Site Electrician

Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Service Level Agreement (Years)	2
Activation	Yes

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	1.1	1.6	2.1	3

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PACCAR POWER SOLUTIONS

PowerChoice

175 kW

General

Supplier	ABB
Charger (kW)	175
Unit Part Number	6AGC067632 6AGC101327
# of CCS1 Cables	1
Dual Truck Charging Capability	No

Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input Power Rating	231 A, 192 kVA
DC Peak Output Power	175 kW
DC Output Voltage	150 - 920 VDC
DC Output Current	375 A
Recommended Upstream Circuit Breaker	300 A
Cable Length (ft)	17
Commissioning	ABB On-Site



Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Service Level Agreement (Years)	2

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	1.1	1.6	2.1	3

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PowerChoice

350 kW

General

Supplier	ABB
Charger (kW)	350
Unit Part Number	6AGC067632 6AGC101327
# of CCS1 Cables	2
Dual Truck Charging Capability	Yes

Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input Power Rating	**
DC Peak Output Power	350 kW
DC Output Voltage	150 - 920 VDC
DC Output Current	500 A
Recommended Upstream Circuit Breaker	**
Cable Length (ft)	17
Commissioning	ABB On-Site



Included in Charger Purchase

Warranty (Years)	2
Remote Diagnostics and Updates (Years)	5
Service Level Agreement (Years)	2

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	1.1	1.6	2.1	3

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PACCAR POWER SOLUTIONS

Helix

General

Supplier	PACCAR
Charger (kW)	60
Unit Part Number	HELI001
# of CCS1 Cables	1
Dual Truck Charging Capability	No

Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input AC Current and Full Load	90 A, 65 kVA
DC Peak Output Power	60 kW
DC Output Voltage	200 -1000 VDC
DC Output Current	150 A
Recommended Upstream Circuit Breaker	100 A
Cable Length (ft)	15' on both sides
Commissioning	Site Electrician



Included in Charger Purchase

Cellular Connection

Activation

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	1.1	1.6	2.1	3

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PACCAR POWER SOLUTIONS

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General

Supplier	P^ ã ç
Charger (kW)	Û€
Unit Part Number	T Óé ÆÛË2
# of CCS1 Cables	F
Dual Truck Charging Capability	Þ[



Electrical Specs

AC Input Voltage	480Y / 277 VAC +/- 10% (60 Hz)
AC Input Connection	3-Phase
Input AC Current and Full Load	90 A, 65 kVA
DC Peak Output Power	60 kW
DC Output Voltage	200 -1000 VDC
DC Output Current	150 A
Recommended Upstream Circuit Breaker	100 A
Cable Length (ft)	FÛ
Commissioning	Site Electrician

Included in Charger Purchase

Cellular Connection

Activation

Estimated Charge Time

Battery Capacity (kWh)	141	209	282	396
Charge Time (HRS)*	1.1	1.6	2.1	3

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For various options and accessories please reach out to your local dealer or contact EVCharging@PACCAR.com for assistance.