

## **PACCAR CHARGERS**

# Charger Portfolio & Service Packages







## PACCAR CHARGERS

# Charger Portfolio

### Zero emission distribution

DAF is leading the way in electric powertrains for commercial vehicles. DAF was one of the first European truck manufacturers to market a fully electric truck. Now DAF takes the next step in electric transportation, offering an electric truck for every application for inner city, regional and national distribution. With the New Generation Electric DAF XD and XF, it offers the possibility of an increased battery capacity by more than 50%, extending its average range to more than 500 kilometers. The range is completed by the LF electric, a light weight truck ideal for distribution and vocational applications.

### A custom solution for every application

At DAF, the development of electric trucks goes hand in hand with creating innovative EV charging solutions. The new PACCAR Chargers have the same proven e-technology, reliability and versatility as DAF's electric vehicles. For every specific situation there is a charger to suit your business. The range of charging systems includes both compact mobile charging stations and high power chargers, which will charge the battery to 80% in just 45 minutes. In addition, several models already offer higher current levels so they are ready to accommodate you also in your future charging needs. Uptime, quality, connectivity and ease of operation are top priorities for all PACCAR Chargers.



### Features & benefits of PACCAR Chargers

- ✓ DAF offers a total electric transport solution including best matching charging infrastructure and service
- ✓ EV charging solutions that fit your transport needs
- ✓ Always the best choice for your LF, XD and XF Electric and other electric vehicles
- ✓ Ready for the future
- ✓ CCS2 EU connector: also suitable for other electric vehicles
- ✓ Complete care: two year full service including 24/7 support
- ✓ Certified to the highest safety standards
- ✓ Wireless updates to the latest software



AC CHARGER / MOBILE CHARGERS



TECHNICAL SPECIFICATIONS	PacCharge AC20	PacMobile 20	PacMobile 40X
Max. charging speed	22 kW	24 kW	40 kW
Input power	400 V / 32 A	400 V / 16 A - 32 A - 40 A	400 V / 16 A - 32 A - 63A
Output current (max.)	32 A	60 A	67 A
Output range	400 V AC	150 - 920 V DC	100 - 1000 V DC
Type	Wall mount	Mobile	Mobile
Weight	6,5 kg	140 kg	120 kg
# CCS2 EU Connectors	AC type 2	1	1
Way of use	Plug and charge	7" touchscreen	1 button control
RFID, NFC or pincode	For authorisation & payment control	For authorisation & payment control	No
Energy efficiency	N/A	> 94%	> 94%

CHARGING TIME FROM 20% TO 80%			
LF Electric (282 kWh)	7 - 8 hr	6,5 - 7,5 hr	4 - 4,5 hr
XD & XF Electric (315 kWh)	9,5 - 10,5 hr	7,5 - 8,5 hr	4 - 4,5 hr
XD & XF Electric (525 kWh)	16 - 17 hr	14 - 15 hr	7,5 - 8,5 hr

CHARGING TIME FROM 20% TO 100%			
LF Electric (282 kWh)	12 - 14 hr	10 - 12 hr	6,5 - 8 hr
XD & XF Electric (315 kWh)	14 - 16 hr	13 - 15 hr	7,5 - 8,5 hr
XD & XF Electric (525 kWh)	20 - 22 hr	19 - 21 hr	11 - 12 hr

FAST CHARGERS



TECHNICAL SPECIFICATIONS	ChargeMax 50	ChargeMax 90	ChargeMax 120
Max. charging speed	50 kW	90 kW	120 kW or 2x 60 kW
Input power	400 V / 88 A	400 V / 140 A	400 V / 187 A
Output current (max.)	125 A	200 A / 300 A (optional)	300 A
Output range	150 - 920 V DC	150 - 920 V DC	150 - 920 V DC
Type	Stationary charge post	Stationary charge post	Stationary charge post
Weight*	325 kg	350 kg	365 kg
# CCS2 EU Connectors	1	1	2
Way of use	7" touchscreen	7" touchscreen	7" touchscreen
RFID, NFC or pincode	For authorisation & payment control	For authorisation & payment control	For authorisation & payment control
Upgradable	No	To 120 kW & 180 kW	To 180 kW
Charging number of trucks	1 vehicle	1 vehicle	2 vehicles
Energy efficiency	> 94%	> 95%	> 95%

CHARGING TIME FROM 20% TO 80%			
LF Electric (282 kWh)	3 - 3,5 hr	2 - 2,5 hr	1,5 - 2 hr
XD & XF Electric (315 kWh)	3,5 - 4 hr	2 - 2,5 hr	1,5 - 2 hr
XD & XF Electric (525 kWh)	6,5 - 7,5 hr	3,5 - 4 hr	2,5 - 3 hr

CHARGING TIME FROM 20% TO 100%			
LF Electric (282 kWh)	5 - 6 hr	3 - 3,5 hr	2,5 - 3 hr
XD & XF Electric (315 kWh)	6,5 - 7,5 hr	3 - 3,5 hr	2,5 - 3 hr
XD & XF Electric (525 kWh)	10 - 11 hr	5,5 - 6,5 hr	4 - 5 hr

\*Excluding foundation

HIGH POWER CHARGERS



TECHNICAL SPECIFICATIONS	ChargeMax 180	PowerChoice 150X	PowerChoice 180X
Max. charging speed	180 kW or 2x 90 kW	150 kW or 2x 75 kW	180 kW or 1x 120 kW & 1x 60 kW or 3x 60 kW
Input power	400 V / 280 A	400 V / 264 A	400 V / 329 A
Output current (max.)	300 A	400 A	250 A
Output range	150 - 920 V DC	150 - 1.000 V DC	150 - 1.000 V DC
Type	Stationary charge post	Cabinet and separate charge post	Cabinet and separate charge post
Weight*	395 kg	500 kg + 250 kg	600 kg + 100 kg/post
# CCS2 EU Connectors	2	2	Up to 3 dispensers
Way of use	7" touchscreen	10" touchscreen	1 button control
RFID, NFC or pincode	For authorisation & payment control	For authorisation & payment control	Optional
Upgradeable	No	To 300 kW	No
Charging number of trucks	2 vehicles	2 vehicles	3 vehicles
Energy efficiency	> 95%	> 94%	> 96%

CHARGING TIME FROM 20% TO 80%			
LF Electric (282 kWh)	1 - 1,5 hr	80 - 100 min	1 - 1,5 hr
XD & XF Electric (315 kWh)	1 - 1,5 hr	70 - 90 min	1 - 1,5 hr
XD & XF Electric (525 kWh)	1,5 - 2,5 hr	2 - 2,5 hr	1,5 - 2,5 hr

CHARGING TIME FROM 20% TO 100%			
LF Electric (282 kWh)	2 - 2,5 hr	2 - 3 hr	2 - 2,5 hr
XD & XF Electric (315 kWh)	2 - 2,5 hr	2 - 3 hr	2 - 2,5 hr
XD & XF Electric (525 kWh)	2,5 - 3,5 hr	3 - 4 hr	2,5 - 3,5 hr

\*Excluding foundation

HIGH POWER CHARGERS



TECHNICAL SPECIFICATIONS	PowerChoice 350	PowerChoice 360X
Max. charging speed	350 kW or 2x 175 kW	360 kW or 2x 180 kW or 3x 120 kW
Input power	400 V / 554 A	400 V / 642 A
Output current (max.)	500 A	400 A
Output range	150 - 920 V DC	150 - 1.000 V DC
Type	Cabinet and separate charge post	Cabinet and separate charge post
Weight*	2.680 kg + 250 kg/post	1.200 kg + 150 kg/post
# CCS2 EU Connectors	Up to 2 dispensers	Up to 3 dispensers
Way of use	15" touchscreen	Touchscreen
RFID, NFC or pincode	For authorisation & payment control	Optional
Upgradeable	No	No
Charging number of trucks	2 vehicles	3 vehicles
Energy efficiency	> 94%	> 96%

CHARGING TIME FROM 20% TO 80%		
LF Electric (282 kWh)	1 - 1,5 hr	1 - 1,5 hr
XD & XF Electric (315 kWh)	30 - 35 min	30 - 35 min
XD & XF Electric (525 kWh)	55 - 65 min	55 - 65 min

CHARGING TIME FROM 20% TO 100%		
LF Electric (282 kWh)	2 - 2,5 hr	2 - 2,5 hr
XD & XF Electric (315 kWh)	1 - 1,5 hr	1 - 1,5 hr
XD & XF Electric (525 kWh)	1,5 - 2,5 hr	1,5 - 2,5 hr

\*Excluding foundation



PACCAR CHARGERS

Service packages\*



Service plan for maximum uptime

PACCAR Parts offers a service plan that ensures maximum uptime specially for chargers of battery electric trucks. The plan includes not only scheduled and corrective charger maintenance, but also Over The Air software updates guaranteeing a continuous flawless communication between truck and charger. The Service Level Agreement (SLA) includes short resolution times for corrective maintenance tasks by the inclusion of three service levels:

- First level: 24/7 helpdesk. First diagnostics, remote resets and troubleshooting. Resolving most issues promptly and remotely.
- Second level: On site repair by trained technicians, for limited cases where remote service is not sufficient.
- Third level: On site examination and repair by technical charger experts and developers.



\* Applicable for NL, BE, DE, FR, LU, NO, DK

PACMOBILE 20, CHARGEMAX 50, CHARGEMAX 90, CHARGEMAX 120, CHARGEMAX 180, POWERCHOICE 350	
Connected services	E-flux
Software updates	Over The Air software updates
Replacement mobile charger	Not included

	GOLD SLA SERVICE*	SILVER SLA SERVICE*	BRONZE SLA SERVICE
First level (24/7 helpdesk)	2 hours	2 hours	2 hours
Second level	12 business hours	16 business hours	16 business hours
Third level	3.5–4.5 business days	6 days	To be planned***
Maintenance	Included	Included	Included
Maintenance parts (preventive)	Included**	Not included	Not included
Travel & Lodging	Max. 100 km	Max. 100 km	Max. 100 km

\* Not available for PacMobile chargers  
\*\* No wear and tear parts  
\*\*\* Invoiced seperately

PACMOBILE 40X, POWERCHOICE 150X, POWERCHOICE 180X, POWERCHOICE 360X	
Connected services	Chargesight
Software updates	Over The Air software updates
Replacement mobile charger	Sent in 1 business day

	GOLD SLA SERVICE*	SILVER SLA SERVICE*	BRONZE SLA SERVICE
First level	1/2 hour (24/7 helpdesk)	1/2 hour (during business hours)	1 hour (during business hours)
Second level	2 hours (during business hours) 4 hours (outside business hours)	Next working day	Within a week**
Third level	Within 3 days on site	Within one week on site	To be planned***
Maintenance	Included	Included	Not included
Maintenance parts (preventive)	Included**	Included**	Not included
Travel & Lodging	Included	Not included	Not included

\* Not available for PacMobile chargers  
\*\* No wear and tear parts  
\*\*\* Invoiced seperately

PACCHARGE AC20	Standard PACCAR Parts warranty conditions
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