

Quasi Sine Wave Commercial Inverters and Battery Chargers

PowerCraft An economical solution for AC power needs.



Model Inverters	Continuous Watts	Surge Power Amps	DC Input Voltage	Dimensions	Weight
PCP12-122C5	300	5.0	10.0-15.0	3.2"H x 3.7"W x 8.1"L	3.5 lb.
PCS12-125C0	500	8.0	10.0-15.0	3.2"H x 8.1"W x 10.3"L	4.1 lb.
PCS12-121K0	1000	16.0	10.0-15.0	3.5"H x 9.4"W x 14.6"L	9.3 lb.
PCS12-121K5	1500	25.0	10.0-15.0	3.5"H x 9.4"W x 18.9"L	12.1 lb.
PCS12-122K5	2500	40.0	10.0-15.0	3.5"H x 9.4"W x 28.1"L	18.1 lb.

Model Chargers	DC Output Volts	DC Output Amps	AC Input Voltage	Dimensions	Weight
PCC12-1212	12	12	120.0	3.2"H x 8.1"W x 9.1"D	4.6 lb.
PCC12-1225	25	12	120.0	3.2"H x 8.1"W x 11.4"D	6.0 lb.
PCC12-1250	50	12	120.0	3.5"H x 9.4"W x 14.6"D	16.9 lb.

AC Output 120V
Battery chargers are Special Order items – allow 10-12 weeks lead time.

Additional AC and DC voltages are available by special order.
Please call Vanner Customer Service for details.

DC Cable and Fuse Sizing Chart

Distance	1000W	1400W	1600W	1800W	1800W	2000W	2200W	2400W	2600W	2800W	3000W	3200W	3600W	4500W
8 ft.	2 AWG	1/0 AWG	1/0 AWG	1/0 AWG	1/0 AWG	1/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG
9 ft.	2 AWG	1/0 AWG	1/0 AWG	1/0 AWG	1/0 AWG	1/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG
10 ft.	2 AWG	1/0 AWG	1/0 AWG	1/0 AWG	1/0 AWG	2/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG
11 ft.	2 AWG	1/0 AWG	1/0 AWG	2/0 AWG	2/0 AWG	2/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	4/0 AWG
12 ft.	2 AWG	1/0 AWG	2/0 AWG	2/0 AWG	2/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	250 MCM*	4/0 AWG
13 ft.	1/0 AWG	2/0 AWG	2/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	250 MCM*	–	4/0 AWG
14 ft.	1/0 AWG	2/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	250 MCM*	–	–	4/0 AWG
15 ft.	1/0 AWG	2/0 AWG	3/0 AWG	3/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	250 MCM*	–	–	–	4/0 AWG
16 ft.	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	250 MCM*	–	–	–	–	4/0 AWG
17 ft.	1/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	–	–	–	–	–	4/0 AWG
18 ft.	1/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	–	–	–	–	–	–	4/0 AWG
18 ft.	1/0 AWG	3/0 AWG	4/0 AWG	4/0 AWG	4/0 AWG	250 MCM*	250 MCM*	–	–	–	–	–	–	250 MCM*
20 ft.	1/0 AWG	3/0 AWG	4/0 AWG	250 MCM*	250 MCM	250 MCM*	250 MCM*	–	–	–	–	–	–	–
Fuse (Bussman)	ANN-125	ANN-300	ANN-300	ANN-300	ANN-200	ANN-300	ANN-400	ANN-400	ANN-400	ANN-500	ANN-500	ANN-500	ANN-500	ANN-500
Fuse Holder (Bussman)	4164	4164	4164	4164	4164	4164	4164	4164	4164	4164	4164	4164	4164	4164
Vanner Part No. (fuse)	03640	04521	04521	04521	04522	04521	04523	04523	04523	03646	03646	03646	03646	03646
Vanner Part No. (holder)	03637	03637	03637	03637	03637	03637	03637	03637	03637	03637	03637	03637	03637	03637

* Connector is rated for up to 250 MCM but fitting the wire in the connector is difficult.

ChargeMaster



Industrial grade battery chargers maintain and condition batteries while charging and provide a reliable start.



Model	AC Input	DC Output Volts	DC Output Amps	Dimensions	Weight
30-10	120	13.25	10 Amps	6"H x 6.25"W x 8.5"D	11 lb.
30-10GFI	120	13.25	10 Amps	6"H x 6.25"W x 8.5"D	11 lb.

Electronic Flashers

Vanner electronic flashers provide the attention-getting patterns in emergency and service vehicle lighting systems. 5860GCPE is the highest powered electronic flasher available today.



Model	Flash Pattern	Output Amps Per Terminal	Output Terminals	Weight
3250GCPE	Alternating	50	2	1 lb.
3840GCPE	Complies with AMD and GSA KKK-A-1822 B/C	30	3	1 lb.
3860GCPE	Complies with AMD and GSA KKK-A-1822 C/D/E	40/24/30	3	1 lb.
5860GCPE	Complies with AMD and GSA KKK-A-1822 C/D/E	60/40/40	3	1 lb.

Dimensions: All units: 2.63"H x 4.75"W x 3.50"D



Rugged, Reliable and Built in the U.S.A.

Coach Charge Battery Chargers

This battery charger is a high performance three-stage 24V battery charging standard for leading bus OEMs.



Model	AC Input Voltage	AC Input Amp	DC Output Voltage	DC Output Amp	Dimensions	Weight
SPO0181	120	15	24	41	9.85" W x 6.70" H x 15.75" D	35 lb.

StartSentry Ultracapacitors

Assists the 24V cranking batteries during every start and includes a drop-in modular design which includes the contactor, disconnect, and internal controls. The GS model is controlled by a ground signal for dead battery start. The IS model is controlled by an ignition signal.



Model	Stored Energy	Max Output Amps	DC Operating Voltage	Dimensions	Weight
UCS24-80KJ-IS	80KJ	1800	7.0-32.0	12.5"H x 7.5"W x 22.0"D	40 lb.
UCS24-80KJ-GS	80KJ	1800	7.0-32.0	12.5"H x 7.5"W x 22.0"D	40 lb.

Battery Equalizers – Volt Master



Technologically advanced battery equalizers ensure operation of 12V devices on a 24V vehicle and increase battery life. The All aluminum chassis improves safety and durability.



Model	Input Voltage	Output 12V Current Amps	Dimensions	Weight
60-10B	20-35	10	3.2"H x 8.5"W x 4.25"D	2.3 lb.
60-20A	20-35	20	3.2"H x 8.5"W x 9.4"D	5 lb.
66-60	18-32	60	3.2"H x 8.5"W x 10.5"D	6.0 lb.
66-80	18-32	80	3.2"H x 8.5"W x 10.5"D	6.3 lb.
66-100	18-32	100	3.2"H x 8.5"W x 10.5"D	6.3 lb.