



Generating Confidence

WP-BC Supreme-Pro

Professional automatic battery chargers 40-100A

New line of heavy-duty battery chargers for charging batteries or use as a power supply. Input “global” from 90-265VAC, 50Hz or 60Hz, with multiple DC outputs. Application of the latest switched mode technology, thereby very compact and light weight. Professional DC terminals in conformity with CE, ABYC A-31 and IEC60945.





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Battery Charger Supreme Pro



	24/40-3	24/60-3	24/80-3	24/100-3
Art. nr.	60205440	60205460	60205480 ¹⁾	60205401 ¹⁾
GENERAL SPECIFICATIONS				
Nominal input voltage	120/230V (90-265V)	120/230V (90-265V)	120/230V (90-265V)	120/230V (90-265V)
Nominal input frequency	50/60Hz (45-65Hz)	50/60Hz (45-65Hz)	50/60Hz (45-65Hz)	50/60Hz (45-65Hz)
Nominal output voltage	24V	24V	24V	24V
Total charge current	40A @ 28.8V	60A @ 28.8V	80A @ 28.8V	100A @ 28.8V
Number of battery outlets	3	3	3	3
Charge current second output	6A, ±1A	6A, ±1A	6A, ±1A	6A, ±1A
Charge current third output	6A, ±1A	6A, ±1A	6A, ±1A	6A, ±1A
Charge characteristic	IUoUo	IUoUo	IUoUo	IUoUo
Charge voltage Bulk (25°C) ²⁾	28.8V	28.8V	28.8V	28.8V
Charge voltage Absorption (25°C) ²⁾	28.5V	28.5V	28.5V	28.5V
Charge voltage Float (25°C) ²⁾	26.5V	26.5V	26.5V	26.5V
Max. Absobtion time ²⁾	4 hours	4 hours	4 hours	4 hours
Max. Bulk time (start @ 13.25/26.5V) ²⁾	8 hours	8 hours	8 hours	8 hours
Min. Absorption time ²⁾	15 min.	15 min.	15 min.	15 min.
Enclosure type & dimensions (hwxwd in mm)	445 x 210 x 145	445 x 210 x 145	445 x 210 x 145	445 x 210 x 145
Enclosure type & dimensions (hwxwd in inch)	17,5 x 8,2 x 5,7	17,5 x 8,2 x 5,7	17,5 x 8,2 x 5,7	17,5 x 8,2 x 5,7
Weight	5.3 kg /11.7 lbs	5.3 kg /11.7 lbs	5.3 kg /11.7 lbs	5.3 kg /11.7 lbs
Battery capacity (recommendation)	80-400Ah	120-600Ah	160-800Ah	200-1000Ah
TECHNICAL SPECIFICATIONS				
Power factor (cos phi)	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.98
Full load consumption (230VAC)	1400VA	2000VA	2700VA	3375VA
Temperature compensation	by BTS-Battery temperature sensor, standard supply			
Voltage compensation	yes, automatic	yes, automatic	yes, automatic	yes, automatic
DC consumption with connected battery	< 5mA	< 5mA	< 5mA	< 5mA
Display	LCD	LCD	LCD	LCD
Temperature range	-25 to +60°C / -13 to 140°F, above 40°C derating			
Cooling	vario fan and natural cooling to ensure optimized cooling			
Sound level	< 52dBA @ 7 m	< 52dBA @ 7 m	< 52dBA @ 7 m	< 52dBA @ 7 m
Protection degree	IP23	IP23	IP23	IP23
Optional	Remote panel WP-SCC with current adjust - Touchpanel 5, 7 or 10 inch			1) Available mid 2018 2) Adjustable



Remote panel supplied as standard, with LED indicators



Optional remote panel with additional Charge Current Adjust button (electronic potentiometer)

