Professional Charger Series

Charger	Battery Charger Pb, 1.5 A SH-3.110	Battery Charger, 1 A SH-3.120	Battery Charger, 2 A SH-3.170	Battery Charger, 4.5 A SH-3.130	Battery Charger, 10 A SH-3.150	Battery Charger, 16 A SH-3.160
Charging current	IU	Multi-step	Multi-step	Multi-step	Multi-step	Multi-step
Charging current						
Regular mode (max.)	1.5 A ± 10 %	1.0 A ± 10 %	2.0 A ± 10 %	4.5 A ± 10 %	10.0 A ± 10 %	16.0 A ± 10 %
Motorbike mode (max.)	–	–	–	1.0 A ± 10 %	–	–
Battery capacity						
Lead battery						
Regular mode	2.0 – 35.0 Ah	from 1.2 Ah	from 2.0 Ah	from 14.0 Ah	from 20.0 Ah	from 30.0 Ah
Motorbike mode	–	–	–	from 1.2 Ah	–	–
Calcium battery	–	from 1.2 Ah	from 2.0 Ah	from 14.0 Ah	from 25.0 Ah	from 30.0 Ah
Lithium battery	–	from 1.2 Ah	from 2.0 Ah	from 25.0 Ah	from 25.0 Ah	from 30.0 Ah
Rechargeable battery types						
Lead-acid, lead-gel	●	●	●	●	●	●
AGM	●	○	○	●	●	●
Calcium	–	○	○	○	●	●
Lithium	–	●	●	●	●	●
Charging mode & functions						
Boost mode	–	–	–	–	●	●
12 V charging mode	●	●	●	●	●	●
6 V charging mode	–	●	●	●	–	–
Desulfation function	●	–	–	–	–	–
Automatic regeneration mode	–	●	●	●	●	●
Float charging phase	●	●	●	●	●	●
Auto-memory function	–	●	●	●	●	●
General						
Protection against short circuit, reverse polarity and overcharging	●	●	●	●	●	●
IP protection (housing)	IP 20	IP 20	IP 20	IP 65	IP 65	IP 20
Dimensions (L x W x H)	110 x 70 x 40 mm	110 x 70 x 40 mm	110 x 70 x 40 mm	203 x 67 x 48 mm	242 x 102 x 60 mm	242 x 102 x 60 mm
Weight (without accessories)	260 g	250 g	250 g	490 g	850 g	960 g
Connection	Quick-contact plug for 2-piece adapter cable set	Quick-contact plug for 2-piece adapter cable set	Quick-contact plug for 2-piece adapter cable set	Quick-contact plug for 2-piece adapter cable set	Quick-contact plug for 2-piece adapter cable set	Integrated battery clamps
Delivery content	Adapter cable with battery clamps Adapter cable with eyelet rings Manual in DE, GB	Adapter cable with battery clamps Adapter cable with eyelet rings Manual in DE, GB	Adapter cable with battery clamps Adapter cable with eyelet rings Manual in DE, GB	Adapter cable with battery clamps Adapter cable with eyelet rings Manual in DE, GB	Adapter cable with battery clamps Adapter cable with eyelet rings Manual in DE, GB	Manual in DE, GB
Item no.	**331100**	**331200**	**331700**	**331300**	**331500**	**331600**

● = Yes
○ = Charging possible, but not optimised for this battery type
- = No