



BATTERY CHARGERS



Innovation
for
better
control





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CRE TECHNOLOGY's range of battery chargers is designed to supply voltage to the battery with a permanent connection and a maximum of efficiency.

4 RANGES

The BP+305, Compact, BP and the BPRB series are available:

- From 3A to 40A in 12V_{DC} or 24V_{DC}
- Single or three-phase input, all chargers support 50Hz and 60Hz
- Voltage input range from 85V_{AC} to 550V_{AC}

BP+ 305 RANGE - FROM 3A TO 10A

The BP+ battery chargers range offers a range of input voltages in monophase, a range of output current from **3A to 10A** and voltage output from **12V_{DC} to 24V_{DC}**. They integrate a permanent short-circuit protection and accept without damage the electrical starters inrush current. Their ergonomic design allows you to easily integrate it into your plant thanks to their lightness, compactness and Din Rail support.

- With Diode integrated
- Can be installed on DIN Rail
- Competitive price



BP+ 0512M-305



BP+ 0324M



BP+ 1012M-305



BP+ 0524M-305



BP+ 1024M-305

REFERENCES	OUTPUT CURRENT	OUTPUT VOLTAGE	DC VOLTAGE ADJUSTABLE	INPUT VOLTAGE RANGE	INPUT FREQUENCY RANGE	EFFICIENCY (TYPICAL)	WORKING TEMPERATURE	STORAGE TEMPERATURE	WIDTH	HEIGHT	DEPTH	WEIGHT	FAILURE RELAY	BOOST MODE (ACTIVATED BY EXTERNAL CONTACT)
UNIT	A	V _{DC}	-	V _{AC}	Hz	%	°C	°C	mm	mm	mm	kg	-	-
BP+ 305 RANGE														
BP+ 0512M-305	5	12 - 15	Yes	90 ~ 305	47 - 63	83	-20 / +70	-40 / +85	32	125.2	102	0.51	No	No
BP+ 0324M	3	24 - 28	Yes	90 ~ 264	47 - 63	87	-20 / +70	-40 / +85	32	125.2	102	0.51	No	No
BP+ 1012M-305	10	12 - 15	Yes	90 ~ 305	47 - 63	84	-20 / +70	-40 / +85	40	125.2	113.5	0.57	No	No
BP+ 0524M-305	5	24 - 28	Yes	90 ~ 305	47 - 63	87	-20 / +70	-40 / +85	40	125.2	113.5	0.57	No	No
BP+ 1024M-305	10	24 - 28	Yes	90 ~ 305	47 - 63	87	-20 / +70	-40 / +85	63	125.2	113.5	1	No	No

COMPACT RANGE - FROM 3A TO 5A

CRE TECHNOLOGY range of battery chargers Compact serie has been designed to supply constant voltage to the battery with a permanent connection and a maximum of efficiency.

- Protections: Short circuit/ Overload/ Over voltage
- LED indicator for power on
- Cooling by free air convecti on
- Can be installed on DIN rail TS-35/7.5 or TS-35/15
- FAULT contact, no load power consumpti on <0.75W
- 100% full load burn-in test
- 3 years warranty



BPR0324S
MULTIANGLE VIEW

REFERENCES	OUTPUT CURRENT	OUTPUT VOLTAGE	DC VOLTAGE ADJUSTABLE	INPUT VOLTAGE RANGE	INPUT FREQUENCY RANGE	EFFICIENCY (TYPICAL)	WORKING TEMPERATURE	STORAGE TEMPERATURE	WIDTH	HEIGHT	DEPTH	WEIGHT	FAILURE RELAY	BOOST MODE (ACTIVATED BY EXTERNAL CONTACT)
UNIT	A	V _{DC}	-	V _{AC}	Hz	%	°C	°C	mm	mm	mm	kg	-	-
COMPACT RANGE														
BPR 0324S	2.5	24 - 28	Yes	85 ~264	47 - 63	88	-20 / +70	-40 / +85	40	90	100	0.33	Yes	No
BPR 0512S	5	12 - 15	Yes	85 ~ 264	47 - 63	88	-20 / +70	-40 / +85	40	90	100	0.33	Yes	No



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BPRB RANGE - FROM 5A TO 20A

The **BPRB SERIES** offers a wide range of input voltages, a wide range of output current from **5A to 20A** and voltage output from **12V_{DC} to 24V_{DC}**. Their ergonomic design allows you to easily integrate it into your plant thanks to their lightness, compactness and Din Rail support. Included a Fail Output Relay, and a **Boost Mode** Input.

- Protections: Short circuit/ Overload/ Over voltage/ Over temperature
- Boost mode (connector and wires provided)
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or TS-35/15
- Fault relay contact
- 100% full load burn-in test
- 3 years warranty



**BPRB 0524 M
BOOST MODE**



**BPRB 1012 M
BOOST MODE**



**BPRB 1024 M
BOOST MODE**



**BPRB 2024 M
BOOST MODE**

REFERENCES	OUTPUT CURRENT	OUTPUT VOLTAGE	DC VOLTAGE ADJUSTABLE	INPUT VOLTAGE RANGE	INPUT FREQUENCY RANGE	EFFICIENCY (TYPICAL)	WORKING TEMPERATURE	STORAGE TEMPERATURE	WIDTH	HEIGHT	DEPTH	WEIGHT	FAILURE RELAY	BOOST MODE (ACTIVATED BY EXTERNAL CONTACT)
UNIT	A	V _{DC}	-	V _{AC}	Hz	%	°C	°C	mm	mm	mm	kg	-	-
BPRB RANGE														
BPRB 0524M	5	24 - 29	Yes	180 ~ 550	47 - 63	91	-25/ +70	-40 / +85	40	125.2	113.5	0.65	Yes	Yes
BPRB 1012M	10	12 - 15	Yes	180 ~ 550	47 - 63	89.5	-25/ +70	-40 / +85	40	125.2	113.5	0.65	Yes	Yes
BPRB 1024M	10	24 - 28	Yes	180 ~ 550	47 - 63	90	-25/ +70	-40 / +85	63	125.2	113.5	1	Yes	Yes
BPRB 2024M	20	24 - 28	Yes	180 ~ 550	47 - 63	91	-25/ +70	-40 / +85	85.5	125.2	128.5	1.7	Yes	Yes

BP RANGE - FROM 20A TO 40A

The BP battery chargers range offers a wide range of input voltages in single or three-phase, a wide range of output current from **20A to 40A** and voltage output of **24V_{DC}**. They integrate a permanent short-circuit protection and accept without damage the electrical starters inrush current. Their ergonomic design allows you to easily integrate it into your plant thanks to their lightness, compactness and Din Rail support.

- Protections: Short circuit/ Overload/ Over voltage/ Over temperature
- Cooling by free air convection, LED indicator for power on
- Can be installed on DIN rail TS-35/7.5 or TS-35/15
- 100% full load burn-in test
- Fixed switching frequency at 55kHz
- 3 years warranty



BP 2024 S



**BP 2024 T+
TREEPHASE
DC OK RELAY OUTPUT**



**BP 4024 T+
TREEPHASE
DC OK RELAY OUTPUT**

REFERENCES	OUTPUT CURRENT	OUTPUT VOLTAGE	DC VOLTAGE ADJUSTABLE	INPUT VOLTAGE RANGE	INPUT FREQUENCY RANGE	EFFICIENCY (TYPICAL)	WORKING TEMPERATURE	STORAGE TEMPERATURE	WIDTH	HEIGHT	DEPTH	WEIGHT	FAILURE RELAY	BOOST MODE (ACTIVATED BY EXTERNAL CONTACT)
UNIT	A	V _{DC}	-	V _{AC}	Hz	%	°C	°C	mm	mm	mm	kg	-	-
BP RANGE														
BP 2024S	20	24 - 28	Yes	90 ~ 264	47 - 63	92.5	-20 / +70	-40 / +85	85.5	125.2	128.5	1.5	No	No
BP 2024T+	20	24 - 28	Yes	340 ~ 550 phase-to-phase	47 - 63	92.5	-30 / +70	-40 / +85	85.5	125.2	128.5	1.51	Yes	No
BP 4024T+	40	24 - 28	Yes	340 ~ 550 phase-to-phase	47 - 63	94	-30/+60	-40 / +85	110	125.2	150	2.47	Yes	No





EXPERT IN GENERATOR SOLUTION



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