

# Controllers



Mark 15

## Specialty Concepts, Inc.

The Automatic Sequencing Charger™ (ASC) is a very compact, efficient 100% solid-state battery charger regulator for use in PV systems. The ASC is a negative-ground switching shunt regulator, housed in an anodized aluminum chassis and encapsulated in a hard epoxy resin. The terminal block accepts up to 10-gauge wire or a space connector, providing simple installation. The ASC is FM approved for hazardous locations, UL listed, and provides lightning and reverse leakage protection. The ASC PLUS features a low-voltage load disconnect, a waterproof battery fuse, and a linear LED display indicating battery status.



ASC Charger

The MARK/15™ is a solid-state charge controller for use in PV systems with currents up to 15 amps. It includes a full-featured LCD meter to display battery voltage, array current and charge set-point. It is intended to flush-mount within a wall for a very distinctive appearance. General specifications include fuse protection on both battery and array and bargraph battery condition indicator. The Mark/15 is UL Recognized.

The MARK/22 is similar to the MARK/15 but is rated for 22 amps of PV current. It also has a low-power consumption LCD digital display, which can show two different system parameters - battery voltage and array current.

		V	A	A	W	( )	R
ASC-12/4		12 V	4 A	n/a	6" x 3.5" x 3"	0.63	\$46.00
ASC-12/8		12 V	8 A	n/a	6" x 3.5" x 3"	0.63	\$49.00
ASC-12/8 A	Temp Compensation	12 V	8 A	n/a	6" x 3.5" x 3"	0.63	\$58.00
ASC-12/8 AE	Temp Comp, Low-volt Disc	12 V	8 A	10 A	6" x 3.5" x 3"	0.63	\$70.00
ASC-12/8 E	Low-volt Disconnect	12 V	8 A	10 A	6" x 3.5" x 3"	0.63	\$61.00
ASC-12/12		12 V	12 A	n/a	6" x 3.5" x 3"	0.63	\$56.00
ASC-12/12 A	Temp Compensation	12 V	12 A	n/a	6" x 3.5" x 3"	0.63	\$66.00
ASC-12/12 AE	Temp Comp, Low-volt Disc	12 V	12 A	10 A	6" x 3.5" x 3"	0.63	\$83.00
ASC-12/12 E	Low-volt Disconnect	12 V	12 A	10 A	6" x 3.5" x 3"	0.63	\$72.00
ASC-12/16		12 V	16A	n/a	6.5" x 5" x 3"	1.00	\$65.00
ASC-12/16 A	Temp Compensation	12 V	16A	n/a	6.5" x 5" x 3"	1.00	\$76.00
ASC-12/16 AE	Temp Comp, Low-volt Disc	12V	16A	10 A	6.5" x 5" x 3"	1.00	\$92.00
ASC-12/16 E	Low-volt Disconnect	12 V	16A	10 A	6.5" x 5" x 3"	1.00	\$81.00
ASC-24/8		24 V	8 A	n/a	6" x 3.5" x 3"	0.63	\$49.00
ASC-24/8 A	Temp Compensation	24 V	8 A	n/a	6" x 3.5" x 3"	0.63	\$60.00
ASC-24/8 AE	Temp Comp, Low-volt Disc	24 V	8 A	10 A	6" x 3.5" x 3"	0.63	\$76.00
ASC-24/8 E	Low-volt Disconnect	24 V	8 A	10 A	6" x 3.5" x 3"	0.63	\$65.00
ASC-24/16		24 V	16 A	n/a	6.5" x 5" x 3"	1.00	\$65.00
ASC-24/16 A	Temp Compensation	24 V	16 A	n/a	6.5" x 5" x 3"	1.00	\$76.00
ASC-24/16 AE	Temp Comp, Low-volt Disc	24 V	16 A	10 A	6.5" x 5" x 3"	1.00	\$92.00
ASC-24/16 E	Low-volt Disconnect	24 V	16 A	10 A	6.5" x 5" x 3"	1.00	\$81.00
ASCP-12/15 Plus		12 V	15 A	10 A	6.5" x 5" x 3"	1.00	\$90.00
MARK/15-12		12 V	15 A	n/a	9.5" x 6" x 4"	1.25	\$99.00
MARK/22-12		12 V	22 A	n/a	9.5" x 6" x 4"	1.50	\$114.00