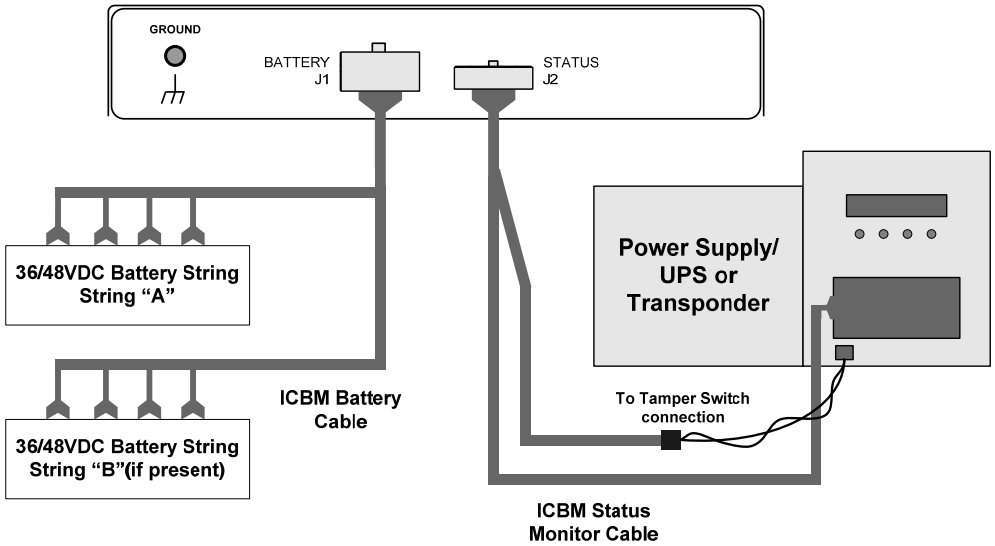
ICBM-S
Individual Charge Battery Manager with Battery Theft Alarm

The ICBM is a battery manager/conditioner that extends battery life by maintaining an equal state of charge across each battery in a string, maximizing battery-life and run-time. As this conditioning process minimizes battery differences in a string, individual batteries can be replaced as they fail, stopping the wasteful practice of replacing entire strings. **NEW FEATURE:** The ICBM can now tie into the power supply "tamper" alarm. If batteries are removed/stolen, the ICBM will open the tamper alarm, signaling the theft.



NEW!
The Myers ICBM can now alarm on battery theft!

FEATURES

- **Individually charges each battery in a string**
- **Alarms on removal of any battery – Connects to Tamper Switch connection**
- **Minimizes differences between batteries over their lifespan, extending battery life**
- **Prevents chronic under-charged conditions**
- **Extends run-time by maximizing charge for each battery**
- **One ICBM can service up to two battery strings, auto-detects string configuration**
- **Both 36VDC and 48VDC versions available**
- **Easy installation, LED's signals bad wiring or connection faults**
- **Identifies bad batteries by flashing LED**
- **Bad battery info signaled to Status Monitoring systems using existing alarm structure**
- **Works on all manufacturers power supplies/UPS**

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Base Models – No cables included

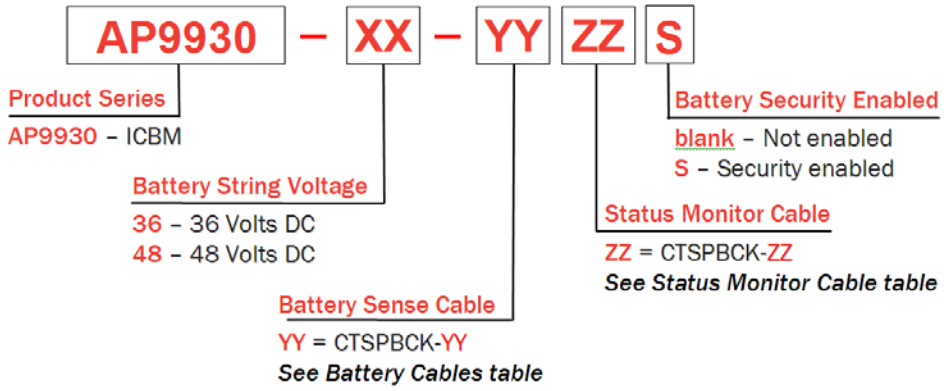
Myers Model #	Description
AP9930-36S	ICBM-S, 36VDC, 1 or 2 battery string capable, Can alarm on battery theft
AP9930-48S	ICBM-S, 48VDC, 1 or 2 battery string capable, Can alarm on battery theft

Specifications*

Electrical	AP9930-36S	AP9930-48S
String Voltage Nominal:	36 VDC	48 VDC
Individual Battery Voltage Nominal:	12 VDC	12 VDC
String Voltage Range:	27 to 45 VDC	36 to 60 VDC
Active Charge Voltage Range:	36.9 to 45 VDC	49.3 to 60 VDC
Low String Voltage Disconnect (LVD):	32.4 VDC (10.8 VDC / batt)	43.2 VDC (10.8 VDC / batt)
Individual Battery Charge Current:	1.5 Amps DC Max	1.5 Amps DC Max
Battery Missing Alarm Contacts:	Alarm off: Low Impedance Alarm on: High Impedance	
Environmental		
Operating Temperature:	-40 to +70 degrees C	
Storage Temperature:	-50 to +85 degrees C	
Humidity:	5 to 95% non-condensing	
Dimensions (HxWxD):	1.1 x 6.6 x 5.25 Inches (28 x 163 x 133 mm)	

**Note: Specifications subject to change. 05-13*

ICBM "Kit"
Model Number Construction:



Battery Cables – Connects ICBM to batteries

String Voltage	# of Strings	Length String A	Length String B	Myers Part #
36	1	36"	- -	CTSPBCK-33
36	1	72"	- -	CTSPBCK-34
36	2	36"	72"	CTSPBCK-35
36	2	72"	72"	CTSPBCK-36
36	2	36"	90"	CTSPBCK-73
48	1	36"	- -	CTSPBCK-37
48	1	72"	- -	CTSPBCK-38
48	2	36"	72"	CTSPBCK-39
48	2	72"	72"	CTSPBCK-40

Status Monitor Cables – Connects ICBM to power supply/UPS, transponder or alarm

Connects to:	# of Strings	Cable Length	Cable – No Batt Security	Cable - with Batt Security
Myers CTSP-SM5/8	1	36"	CTSPBCK-41	CTSPBCK-41S
Myers CTSP-SM5/8	2	36"	CTSPBCK-45	CTSPBCK-45S
Alpha EDSM or DSM	1 or 2	36"	CTSPBCK-47	CTSPBCK-47S
Cheetah CMD-P	1 or 2	36"	CTSPBCK-47	CTSPBCK-47S
AM Ntwrks – DOCSIS 9362	1 or 2	36"	CTSPBCK-51	CTSPBCK-51S
Contact Closure Alarm	1 or 2	72"	CTSPBCK-54	CTSPBCK-54S
Electroline DOCSIS DHT-PS also Electro/Alpha Embedded	1 or 2	36"	CTSPBCK-55	CTSPBCK-55S
Cheetah proprietary CMX-36V	1 or 2	36"	CTSPBCK-69	CTSPBCK-69S

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