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THE HOME OF THE ORIGINAL BATTERY DESULFATOR

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TECHNICAL SPECIFICATIONS:

OPERATION

INPUT VOLTAGE	4.5Vdc – 16Vdc
OUTPUT VOLTAGE	60V (pk-pk) inductive (10uS pulse every 1mS approx.)
RATED CURRENT	45mA Average @ nominal 12Vdc input.
FREQUENCY RANGE	.8 – 1.2 KHz. Temperature and input voltage dependant

PROTECTION

OVERLOAD	Internal user replaceable 6 amp fuse GMA style, fast blow type.
OVER VOLTAGE	None
REVERSE POLARITY	Internal Fuse provides limited protection

ENVIRONMENT

WORKING TEMP.	0C ~ +60C (+32F ~ +140F) (+273K ~ +333K)
WORKING HUMIDITY	20 ~ 90% RH non-condensing
STORAGE TEMP.	-20C ~ +85C (-4F ~ +185F) (+253K ~ 358K)
VIBRATION MAX.	10-500HZ, 2G 10min./1cycle, Period for 60min. Along X,Y,Z axis

SAFETY

WITHSTAND VOLTAGE	I/P – O/P: 3KVAC
ISOLATION RESISTANCE	I/P – O/P: 100m ohms / 500Vdc

OTHERS

MTBF	230.7K hours min. MIL-HDBK-217F (+25C)
DIMENSION	91.45mm(L) x 38.10mm(W) x 30.48mm(H) (3.6"L x 1.5"W x 1.2"H)

The manufacturer reserves the right to change these specifications at any time without notice

Proven Circuit Design

Surface Mount Technology PCB

Strong ABS Enclosure with Mounts

Large Input Voltage Range

Low current draw CMOS Components

100% Made in the USA

What is a battery desulfator you ask? It is an electronic device that cleans the internal battery plates to remove the lead sulfate that builds up on poorly maintained batteries. This lead sulfate (that white residue) will form on the batteries internal plates and greatly reduces the capacity of a charge on a battery. By restoring the lead sulfate back into the acid solution you can greatly extend the life of the battery by many years. Our product is designed to be left connected "full-time" to the battery and will provide many years of maintenance free operation. This product will work on all types of lead based batteries, including sealed lead acid (SLA), and the more common flooded lead acid (deep cycle or automotive). It is recommended that a small trickle style charger in the 1-2 amp range be used when recovering a battery with heavy deposits. Large high current, bulk rate chargers, will quickly cause heat build up in the battery and could boil the acid causing a very dangerous condition. For large battery systems, like that of a fork lift cart, golf cart, or solar storage bank, one desulfator is required per battery. This product will desulfate batteries ranging from 1 amp hour to 1000 amp hours. Due to the wide range of battery types and post configurations, we do not include ring lug terminals with our product. These ring lugs are available at most automotive or marine centers in sizes to fit your application. Our product is 100% made in the USA, yes even the labor. Thank you for taking the time to read about our product. We ship twice daily, 6 days a week. So within 12 hours your order is on it's way to your door.