What is Scalable Intelligent Power Supply?
Scalable Intelligent Power Supply is:

An Optimal Energy Storage and Management Platform
An Optimal Energy Storage and Management Platform

Energy is the Currency

SIPS is the Bank
Scalable:

Blackberries to Bulldozers and Beyond

- SMALL
- LIGHT
- LOWER ENERGY
- LOWER POWER
- LOWER COST

- LARGE
- HEAVIER
- HIGHER ENERGY
- HIGHER POWER
- HIGHER COST

www.modtech-corp.com
Scalable:

**Single** 100 Wh Energy Module Application

EM-100 Pack
PCCU-100 Power
1

Scalable:

A Few Energy Modules

EM-100 Pack
Scalable:

A Few Energy Modules

EM-100 Pack
Scalable:

A Few Energy Modules

EM-100 Pack
Scalable:

A Few Energy Modules

EM-100 Pack
Scalable:

A Few Energy Modules

Portable Amplifier
24 hour runtime

and More
Scalable:

24 Energy Modules

SIPS 2000
Scalable:

24 hour cold weather operation

SENTRY 2000
Scalable:

4 Storage Systems x 24 Energy Modules

SIPS 8000
Scalable:

1000 Wh Energy Module

EM-1000

10 lb.

10”

3”
Scalable:

32 x 1000 Wh Energy Modules

320 lb.

SIPS 32k EEV Energy Subsystem
120 mile range
Intelligent:

Hierarchical Energy System

PCU = Power Conversion Unit
ESS = Energy Storage System
EM = Energy Module
C = energy Cell
Intelligent: Smart Energy Modules
Intelligent: Smart Energy Storage System

This is an example ESS HOST PROCESSOR on the bottom near two red fuses.
Intelligent:

Smart Power Conversion Unit
Intelligent: 
Embedded Web 
Server Management

WEB ENABLED USE ANY WEB BROWSER

Control Distributed Systems over IP Networks
Intelligent: At Every Layer

TECHNOLOGY THAT SCALES TO AREA-WIDE ENERGY STORAGE AND MANAGEMENT MISSIONS
Power Agile:

INPUTS &

OUTPUTS

WIDE RANGE AC and DC INPUTS

PROGRAMMABLE AC and DC OUTPUTS