



FCBC/ SMPS POWER PLANT MODEL DY 2350S (48V/12.5A) 1U Height	
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MODEL DY 2350S is a Modular Slim-Line Power System, which uses 2 nos. DY 350S Rectifier Modules of 350Watts.

ELECTRICAL SPECIFICATIONS

INPUT SPECIFICATIONS

Nominal Voltage	230V AC
Voltage Range	150 – 275V AC
Frequency	47 – 53Hz
Input Current	6A MAX
Efficiency	89%TYP
Dielectric Strength	1.5KV AC (I/p TO O/P AND CASE)

OUTPUT SPECIFICATIONS

Nominal Voltage	48V
Output Voltage Span Adjustment	48-56V
Output Current	14.0A Max
Power	700W
Net Regulation	± 2% mV
Ripple + Noise	300 mV p-p MAX
Audible Noise	<50dBA
Battery Current Limit	0.1 AH of Battery
Battery Protection	LVD (43-44V)

SPECIAL FEATURES

- ❖ Modular Systems, easy for Maintenance
- ❖ Hot Plug-In Modules
- ❖ Wide Input Voltage Range
- ❖ Active Current Sharing
- ❖ Potential Free Contacts for Remote Fault Annunciation
- ❖ Input High Voltage Disconnect & Battery Low Voltage Disconnect
- ❖ Analog Controller
- ❖ Common output voltage control
- ❖ Battery Current Limit (Presettable to suit battery Capacity)

MONITORING LED DISPLAY

LED indications Provided For:

AC Fail	Red
Module Fail	Red
Battery Charge	Yellow
Battery Float	Green
Audio Alarm	Buzzer

MECHANICAL	ENVIRONMENT & SAFETY
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[Specification No - FCBC/ DY 2350B- \(Rev. 0\)](#)

* Enhancement to the above specifications & Customizing can be considered on request.
* Specifications may or can be altered without notice as per company's continuous improvement Program.