



<p>MODEL DY 21500ENRC is a Modular Power System, which uses 2 nos. Hot-Pluggable DY 1500EN Rectifier Modules of 1400Watts and a detachable additional Controller to ensure break-free System operation. Specifically designed for charging NI-CD Batteries.</p>			
<p>ELECTRICAL SPECIFICATIONS</p>			
<p>INPUT SPECIFICATIONS</p>			
<p>Nominal Voltage Voltage Range Frequency Input Current Power Factor Efficiency Insulation Dielectric Strength</p>	<p>230 VAC, Single Phase 150 - 275 VAC 47 -53 Hz <15A RMS 0.98 MIN.(50% Load to 100% Load) >90% @ 500V DC > 100MΩ (I/P to O/P & Case) 1.5 KV AC (I/P to O/P & Case)</p>		
<p>OUTPUT SPECIFICATIONS</p>			
<p>Nominal Voltage Output Voltage Span Adj. Output Current Power Regulation Ripple + Noise Psophometric Audible Noise Current Limiting Over Load Set Point</p>	<p>54 VDC 48V - 66V 2 X 22A (MAX.) 2 X 1400W (MAX.) ±0.5V load and line < 300mV p-p < 4mV (- 46dbm) < 50 dBA 0.1 ~ 0.2 AH of Battery Capacity (Adjustable) 2 X 25A (MAX.)</p>		
<p>SPECIAL FEATURES</p>			
<ul style="list-style-type: none"> <input type="checkbox"/> Modular System, easy for Maintenance <input type="checkbox"/> Hot Plug-In Modules <input type="checkbox"/> Wide Input Voltage Range <input type="checkbox"/> Active Current Sharing <input type="checkbox"/> Potential Free Contacts for Remote Fault Annunciation <input type="checkbox"/> Power Factor Correction <input type="checkbox"/> Input High Voltage Disconnect (HVD) <input type="checkbox"/> Analog Controllers- Replaceable and Standby <input type="checkbox"/> Common O/P Voltage Control <input type="checkbox"/> Battery Current Limiting for each battery path (presettable to suit battery Capacity). 			
<p>ALARMS LED DISPLAY</p>		<p>FUNCTION MONITORING DISPLAY</p>	
<p>1. AC FAIL 2. Battery Low 3. AC ON Battery discharge 4. Battery Reverse 5. Module Fail</p>	<p>6. LOAD ON 7. Battery ON 8. System On Float 9. System On Charge</p>	<p>LED DPM Provided for-</p> <ol style="list-style-type: none"> 1. Battery Voltage 2. Load Voltage 3. Battery Current 4. Load Current 	
<p>MECHANICAL</p>		<p>ENVIRONMENT</p>	
<p>Weight Dimensions Enclosure Input Connection Output Connection</p>	<p>Approx. 32 kgs. 302 (H) x 483 (W) x 403 (D) mm IP-20, CRC Sheet, Powder coated Case, 19" Rack Mounting Wago Terminals Wago Terminals</p>		
<p>Operating Temperature Storage Temperature Cooling Humidity</p>		<p>0° to 50° C -10° C to +70° C Convection < 95% RH</p>	

Specification No - FCBC/ DY 21500ENRC- (Rev. 0)

<p style="text-align: center;">* 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.</p>
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