

description		PTC Specification	Tender Specifications
Name of devices			
Manufacture			
Country of origin			
Date OF Manufacture			
Type		single module	
Operating Temperature		10 to 55 °C	
Maxi Relative humidity		30 to 98%	
Altitude		2500 M a.s.l	
Efficiency of charger	Half load %	94	
	Full load %	94	
Elevation with derating (M)	without derating (M)		
MTBF and MTTR figures			
Maximum line current			
protection degree		IP	
Noise @1Meter	dB@1M	65	
Cooling			
charger safety			
Performances and test			
Classification			
Capacity		60A for charge batt, 30A for feed the load	
AC input Connection		flexible wire 2wires( 1ph+N+G)	
Input suggested cables size	mm <sup>2</sup>		
output suggested cables size	mm <sup>2</sup>		
Dimensions ( H * W * L )	mm		
Weight (net +-2%)	KG		
Cable entry			
Cable access			
TECHNICAL FROM MANUFACTURE COMP			
OTHERS			
<b>Input condition</b>			
Nominal input voltage	V	220V 1PH 2wires+G	
Tolerance on voltage	%	± 20	
Nominal frequency	Hz	50	
Tolerance frequency	%	±6	
Power factor @220V	± 0.02	0.8 0.9	
Input current@maximum input power A			
Walk-in /soft start (programmable) SEC			
Inrush current			
OTHERS	A		
<b>Input monitoring</b>			
High /Low voltage			
High / low frequency			
OTHERS			
OTHERS			
<b>Output condition</b>			
Nominal output voltage	VDC	"-48 adjustable -46 to-56 "	
Total output current	A		
Output repels		< 20mv	
Current limit range	A		
OTHERS			
<b>Protection</b>			
Batteries isolation and protection.			
Input protections with thermal Overload			

description	PTC Specification	Tender Specifications
Output protections with thermal short circuit		
EMC and surge suppression.		
<b>Alarms facilities &amp; indication facilities</b>		
Mains not available		
Rectifier ON		
Rectifier OFF		
Input lower than the range		
Over load		
Load on batteries.		
failure		
Input more than the range		
BAtteries LOW		
OTHERS		
OTHERS		

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