

Sl. No	Name of the Organization	Clause/ Sub-Clause	Paragraph/ Figure/Table	Type of Comment (General/ Technical/ Editorial)	Comments	Proposed Change	Justification
1	Ather Energy	4.5 According to range of ambient air temperature	Paragraph	Technical	Document refers to two temperature ranges -5 °C up to 40 °C and -25 °C up to 40 °C, but does not elaborate on environment of application whether indoor application or outdoor application.	Temperature ranges to be defined with respect to the mean temperature of the geographical area and environment of commissioning (Indoor/outdoor)	Cost of realizing -25 °C up to 40 °C working temperature range of a certain RDC-DD and its associated components is very high and may not be required at all locations of use and/or installation

2	Ather Energy	5.3.6 Minimum value of the rated making and breaking capacity (Im)	Paragraph	Technical	The document mandates that the minimum value of the rated making and breaking capacity Im is $10 \cdot I_n$ or 500 A, whichever is the greater	Modifications can be made in line with section 12.2.5 of IS17017 part-1. Im to be modified to 1.5 to 2 times I_n	Using a 10X requirement over the nominal design current would be very bulky and very expensive. For example use of a 150 Amps relay/contactor for a 15 amps circuit is an unnecessary overspec
3	Ather Energy	9.12 Verification of resistance to mechanical shock and impact	Paragraph	Technical	Requirements are too stringent	Modifications again can be made inline with geographical area and environment of commissioning (Indoor/outdoor)	plastics cannot be used for design
4	Ather Energy	Suggestion			Inrush current not mentioned.	Power on inrush current to be mentioned on basis of Nominal current.	This would help industry to design ACDC converters and switchgear with a certain standard/spec in mind.