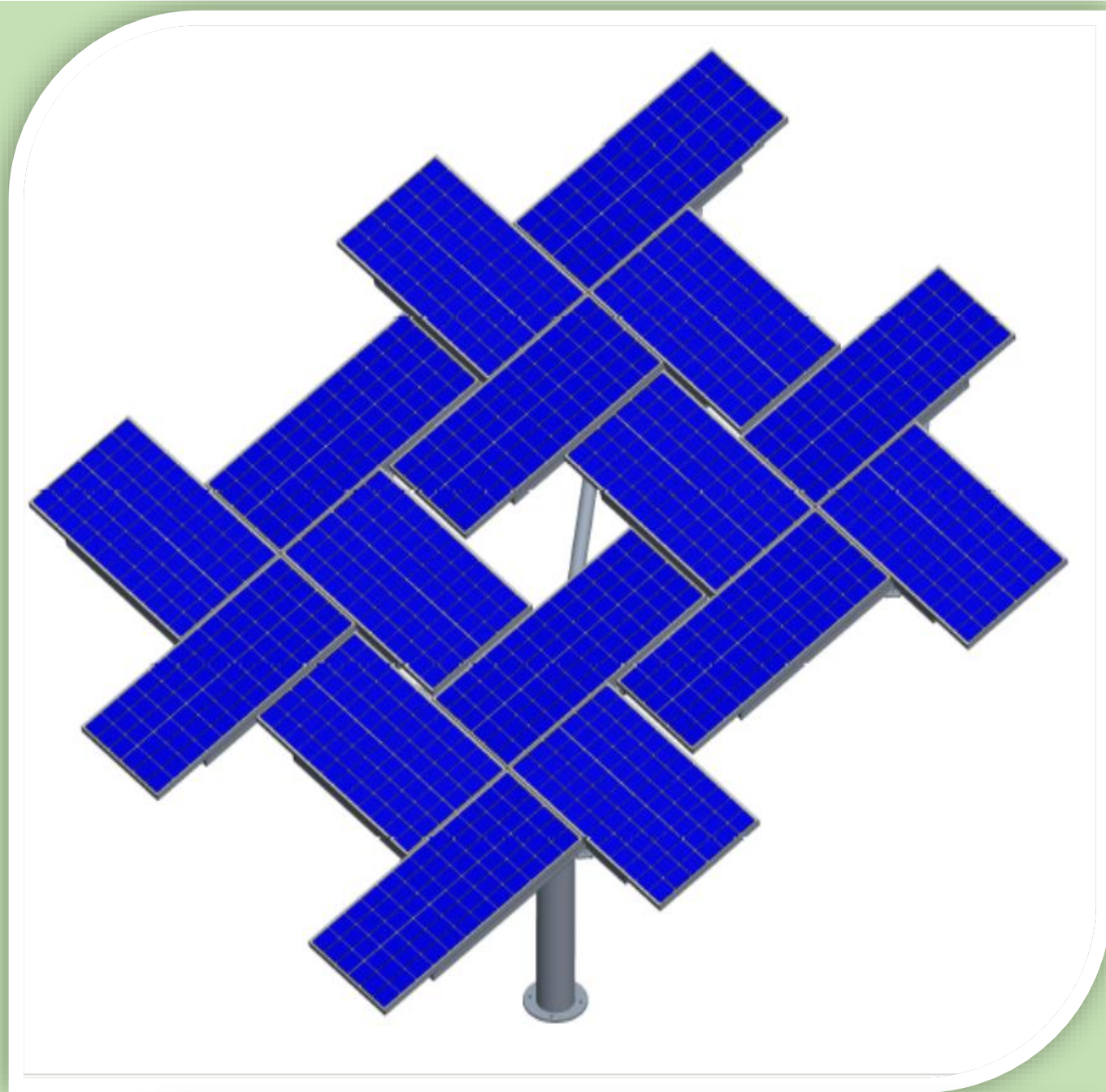


Solar Tree (16 modules)



TECHNICAL SPECIFICATIONS	16 Modules
STRUCTURE DESIGN CRITERIA	
Designed for Building Height	10 mts
Designed Wind Load Resistance	180 kmph
Terrain Category	Category 2
Topography Factor	1
Importance Factor	1
NATIONAL DESIGN CODE COMPLIANCE	
Structural Steel compliance	IS-800:2007 & IS 801: 1975
Wind Load resistance compliance	IS-875 (Part - 3) : 2015
UNIQUE STRUCTURE FEATURES	
Clear Distance from the ground	4 meters
Modular Array Design	16 No in a pattern
Simple Design	7 Parts
Ground / Roof top mountable	Yes
Size of the solar tree	7m x 7m x 4m (L X W X H)
Solar Panel compatibility	330 wp TP, TC
Standard rain drain tilt angle	15 deg
STRUCTURE CONSTRUCTION	
Structure Column	Tubular Steel
Tree beam	Tubular Steel
Tree branches	Tubular Steel
STRUCTURE SURFACE PROTECTION	
Structure fabricated items	High Build Epoxy
Module Mounting members	High Build Epoxy
STRUCTURE FASTENERS	
Structure Assembly	SS - 304
Module Assembly	SS - 304

