



## U Pile Ground Mounting System

SunEvo U Pile Ground Mounting Systems suitable for large scale power station installation, Pile to the ground makes installation faster and lower cost than others. Each components are Maximize pre-assembled, widely save your labor cost and installation time. Customization allowed according to project wind & snow load, provide economic & effective solutions.



### 1 Assembly

Mid clamp



Rail



End clamp



Rail fixing clamp



Main structure



### 2 Main structure & components

U Pile



Beam



Square tube



Holder



H Support



The U type Pile Ground Mounting System has been folded into a rectangular shape before shipment. Easy to transport.

#### Technical features:

Product name	U Pile ground mounting system
Application	Open terrain
Inclination	Customized
Material	AL 6005-T5, SUS 304, Q235
Finish	AL 6005-T5 Anodized, Q235 Hot-dip galvanizing
Module orientation	Landscape or Portrait

Penetration depth	Conventional U pile compression and tensile strength reference values (KN)							
	N=3		N=5		N=7		N=10	
	Resistance	Compression Resistance	Resistance	Compression Resistance	Resistance	Compression Resistance	Resistance	Compression Resistance
1500	9.5	11.5	15.7	19.3	21.9	27	31.1	38.6
1600	10.1	12.3	16.7	20.6	23.3	28.8	33.2	41.2
1700	10.8	13.1	17.8	21.8	24.8	30.6	35.3	43.7
1800	11.4	13.9	18.8	23.1	26.2	32.4	37.3	46.3
2000	12.6	15.4	20.8	25.7	29.1	36	41.4	51.5
2200	13.8	17	22.9	28.3	32	39.6	45.6	56.6
2500	15.7	19.3	26	32.1	36.3	45	51.7	64.3

Remarks: The N value of the soil in this table are based on the Swedish penetration test (SWS).