

Solar water heater Enershid TA-U-ICS-100**Technical Specification**

Type	Up-graded Integral Collector Storage (U-ICS)
Dimensions	2070 L x10030 W x 370 D mm
Water storage Capacity	100 Lit.
Storage material	Galvanized steel sheet ,1.5 ,2 mm thickness
Storage color	special absorber black with primer ,60-80 mic thickness,
Aperture area	2055 L x 1030 W mm
Heat absorption area	15185 cm ²
Mirror material	Fine mirror ,stainless steel sheet with 0.4 mm thickness
Aperture cover material	6 mm twin wall polycarbonate ,UV protected
Enclosure material	two layer fibre glass 350 g/m ²
Enclosure aluminum frame	35x17x35 mm , U type
Enclosure insulation (sides)	Foam with 20 mm thickness ,
Enclosure color	80-100 mic ,thickness
Inlet/outlet piping & fitting	20 mm , polyethelen
Number & size of water inlet/outlet connections	four , 20 mm ,
Maximum test pressure	6 bar
Normal operating pressure	1.5 - 2 bar
Axillary electrical heater	2000 Watt , 220 volt , with integral thermostat 0-80 C ,
Weight with stand	43 Kg
Mounting	Galvanized pipe stand
OPTION :	
Accessories	pressure relief valve ,check valve ,inlet water filter ,drain valve ,..
Stainless steel water tank	1 mm thickness