

Technical Datasheet of Solar Stud

Introduction

Smart solar stud with dura tough strength PDC housing to withstand heavy loads upto 30 tonnes nanotechnology reflectors provides guidance and advanced warning to drivers during night. Abrasion resistant silicon encapsulated monocrystalline solar panel ensures to charge the NiMH battery even at lower lux level. Unique patented technology ultrasonic joint of PC reflector in pressure die-casted housing.

Description

Product	Solar Stud
Version	Standard
Dimensions	100X88X20 in mm
Patent No.	454005
Parameters	Standards
Housing	ADC 12
Base Cover of Stud	Silicon Potted
Reflector	UV Stabilised
Power Source	Monocrystalline Solar Module
Battery	NiMh 1.2V@1100mAh
LED	Ultra Bright, 5mm Dia, Clear Type
LED Color	Red, Yellow,Green, Blue,White
Working Model	Blinking or Constant(Charged at Daytime, Working automatically at night)
Working Hours	Blinking:-130 Hrs Once Fully Charged for 8 Hrs
Visual Distance	>500m
Ingress Protection	IP67
Resistance	Upto 30T
Applications*	Highway, Road, Park, Airport, Seaport Parking Lot Sidewalk

* For additional information please contact info@optikskarkhana.net
Solar stud should be installed under the open sky where ample sunlight is available for its proper charging / functioning.

Patent Granted



Drawing

