

## INPUT SPECIFICATIONS: (DC)

|                               |          |
|-------------------------------|----------|
| Recommended input power (STC) | 10-300 W |
| Maximum input DC voltage      | 45 V     |
| Input Voltage Range           | 23-45 V  |
| MPPT Voltage Range            | 23-40 V  |
| Maximum Input Current         | 15 A     |
| Nominal Input Current         | 10 A     |

## OUTPUT SPECIFICATIONS: (AC)

|                         |                       |
|-------------------------|-----------------------|
| Peak output power (STC) | 292 W                 |
| Rated Output Current    | 1.25 A                |
| Nominal Output Voltage  | 240 V                 |
| Output Voltage Range    | 210-265 VAC           |
| Output Frequency Range  | 47-51 Hz and 59-61 Hz |
| Power Factor            | > 0.99                |

## EFFICIENCY:

|                         |        |
|-------------------------|--------|
| CEC Weighted Efficiency | > 96 % |
| Peak Efficiency         | 96.7 % |
| MPPT efficiency @ 200W  | 99.7 % |

## MECHANICAL DATA:

|  |                   |
|--|-------------------|
| External operating temp range(ambient) | -40°C to +65°C    |
| Internal operating temp range          | -40°C to +85°C    |
| Enclosure environmental rating         | IP67              |
| Connector type                         | MC4               |
| Dimensions (WxHxD)                     | 215 mm X 234 mm x |
| Weight                                 | 2 Kg (approx. *)  |

## FEATURES:

|                    |  |
|--------------------|--|
| Compatibility      | Compatible with 60-cell PV modules     |
| Communication      | Smartwave Gateway                      |
| Monitoring         | Smart SunDesh with Web and Android app |
| Transformer Design | High frequency, Galvanically isolated  |
| Compliance         | CISPR                                  |



### Smart Trak Solar Systems Private Limited

#### Corporate Office

#8C, Plot No. 6, Melange Towers,  
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#### Manufacturing Unit

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