

SOLAR INSTALLATION

SITE REFERENCE: LONADA ORPHANAGE USWAHILINI

SYSTEM DESIGNERS: ARBAZ MOHAMED

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PROJECT LOHADA ORPHANAGE ARUSHA SOLAR INSTALLATION	
EQUIPMENT DESCRIPTION	
PRODUCT	SPECIFICATIONS
1. HYBRID INVERTER 1500VA	Battery voltage: 24V Solar Panel 24V/1000Wp with OCV 36V - 45V Recommended battery size: 24V 100Ah to 200AH
2. Battery	Voltage: 12V Capacity 200Ah LEAD ACID SEALED
Solar Array (panel)	Max power 250Wp (watt-peak, under ideal conditions) IMP 8.6Amp (current maximum power) VMP 29V (voltage maximum power) VOC 36V (open circuit voltage) ISC 9.9Amp (short-circuit current) https://www.solar4rvs.com.au/buying/buyer-guides/how-to-read-solar-panel-specifications/