



GREAT SUCCESS ENERGY

PROJECT LOCATION

Ywar Gyi & Ywar Pale Village Tract, Tharzi Township

BUSINESS TYPE

IPP (BOO) Basis

PROJECT DESIGN

UniBright Power Engineering & Design Company Limited

EMP PROGRAM

E Guard Environmental Services Co.,LTD
SMEC (Member of Surbana Jurong Group)

LOA issued date
1 - FEB - 2023

SALIENT FIGURE OF THE PROJECT

Installed Capacity	40.887 MW DC 33 MW AC
Annual Generating	74 Million kWh
Total Pile Foundation	11505 Nos
Tracking Unit	885 Sets
Total Quantity of Solar Panel	74340 Nos
Transmission Line	2.8 Miles



CUTTING & FILLING
152,324 SUDS



PILE CAP
11,505 NOS



PV MODULE
74,340 NOS



INVERTER
110 NOS

DETAILED SPECIFICATION OF MAIN MATERIALS



PV MODULE

Brand Name	LONGI
Maximum Power	550 Wp
Total Quantity	74340 Pcs
Type	LR5-72HBD-550M



INVERTER

Brand Name	Huawei
Model	SUN2000-330KTL-H1
PV Input Voltage	1500 V
AC Output Power	330kVA @30°C
Nominal Grid Frequency	50 Hz
Total Quantity	110 Nos



BOX TRANSFORMER

Brand Name	Huawei
Nominal Capacity	6.6 MVA
No of Box Transformer	5 Nos



ENERGY STORAGE SYSTEM

Brand Name	Huawei
Model	LUNA2000-2.0MWH-2H1
Cell type Energy Storage System (LCE)	Liquid Cooling
Battery Capacity	2032 kWh
No of Battery	7 Nos

TRANSMISSION LINE : 2.8 MILES
TOTAL POLES : 280 NOS
FINISHED POLES : 259 NOS



33KV TRANSMISSION LINE

WORKING PROGRESS - (73% COMPLETED)

