



Republic of the Philippines
VISAYAS STATE UNIVERSITY
Visca, Baybay City, Leyte

PURCHASE REQUEST

PPMP No. : 118-1-751-2023-7-0-0

Dept./Office: **DABE**

Section/End-User: **Lorbert G. Mazo**

Funding Source: **Special Trust Fund**

PR No.: **STF-2023-07-01131**

Date: **07-07-2023**

Category: **Office Equipment**

Project Title/Code: **DABE-2023**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	4000W Power Inverter + 3A solar controller kit	set	1	5,000.00		5,000.00

Specification:

Specifications:

Output Voltage 220V

Color: Yellow Black

Material: Plastic

Waveform: Modified Sine Wave

Surge Peak Power: 4000W

Input voltage: 12V

Input voltage Range; 9.5V - 15.5V

Output Voltage Range: 220V+ 10%

Frequency: 50Hz

Efficiency 90%

Circuit topology push-pull

No load current < 0.7A

Low voltage protection: Minimum protection voltage 9.5V

High voltage protection: Max protection voltage 15.5V

Overload protection: Yes

Output short circuit protection: Yes

Positive and negative reverse connection protection: YES

Output regulation: Yes

