

Republic of the Philippines
Department of the Interior and Local Government
NATIONAL POLICE COMMISSION
Quezon City

RESOLUTION NO. 2020-0048

PRESCRIBING THE MINIMUM STANDARDS FOR SOLAR POWER SYSTEM

WHEREAS, Section 14, paragraphs (i) and (m) of Republic Act No. 6975, as amended by Section 5, paragraph (a), sub-paragraphs (5) and (8) of the Republic Act No. 8551, empowers the Commission to "approve or modify plans and programs on education and training, logistical requirements, communications, records, information system, crime laboratory, crime prevention and crime reporting as well as prescribe minimum standards for arms, equipment and uniforms and, after consultation with the Philippine Heraldry Commission, for insignia of ranks, awards and medals of honor";

WHEREAS, NAPOLCOM Memorandum Circular No. 2019-002 dated January 29, 2019 defined the duty and authority of the NAPOLCOM to prescribe minimum standards for uniforms, arms and equipment that are germane and fit to the intended use, purpose and objective of the item/s to be acquired or procured by the Philippine National Police (PNP);

WHEREAS, the PNP through its Technical Working Group for the Formulation and Amendment of Standards (TWG-FAS) Resolution No. 2019-21 dated November 18, 2019 endorsed to the Commission the minimum standards for Solar Power System with attached documentary requirements, for consideration and approval;

WHEREAS, the minimum standards for Solar Power System aims to complement and/or to serve as backup power source for the facilities being utilized by the PNP;

WHEREAS, in the process of review and evaluation, there was a need to modify and remove certain proposed category of standards in order to be understandable, clear and capable for better appreciation of the PNP to serve its purpose;

WHEREAS, the PNP certified that the minimum standards for Solar Power System are not tailored-fit standards to any particular brand/model of product in the market;

WHEREAS, after thorough review and evaluation of the minimum standards and pertinent documents submitted by the PNP, the Commission finds the same to be in order and to conform with the requirements of Republic Act No. 6975, as amended by Republic Act No. 8551 and its Implementing Rules and Regulations (IRR), all existing policies and issuances of the Commission to meet the requirements of the PNP;

NOW THEREFORE, the Commission, in the exercise of its statutory power to administer and control the PNP, **HAS RESOLVED TO PRESCRIBE, AS IT HEREBY PRESCRIBES**, the minimum standards for Solar Power System, to read as follows:

A. Solar PV Panel

Particular	Standards
a. Description	It is a power producing equipment with specific dimensions consisting of solar cells and semiconductor properties enclosed within a material to serve as protection from environment. Such properties convert solar energy into electricity through process of photovoltaic effect. It supplies power directly to the load thru compatible solar power inverter and usually mounted on the rack that is fixed to the ground or rooftop.

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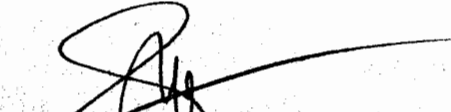
B. Solar Power Inverter

Particular	Standards
a. Description	It is an electrical equipment which receives electrical direct current from compatible solar PV panels and interconnects to battery banks, local electrical loads (off-grid) or electrical grid networks.
b. Capability	Capable of converting direct current (DC) to alternating current (AC), charge battery banks, supply power to local loads (off-grid), supply power to electrical grid networks and can conform with the Philippine Electrical Standards.

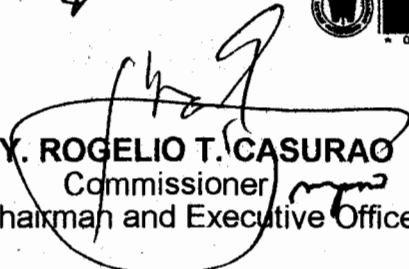
RESOLVED FURTHER, that the PNP shall formulate the technical specifications for Solar Power System which will be the basis for its procurement and shall ensure that the same comply, conform and are within the aforementioned NAPOLCOM-approved minimum standards and the pertinent provisions of RA 9184, otherwise known as the Government Procurement Reform Act and will benefit the PNP;

RESOLVED FURTHERMORE, that any other issuances inconsistent with this Resolution are hereby repealed/rescinded.

APPROVED this 20th day of JANUARY 2020 in Quezon City, Metro Manila, Philippines.


EDUARDO M. AÑO
Chairman




ATTY. ROGELIO T. CASURAO
Commissioner
Vice Chairman and Executive Officer

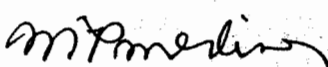

FELIZARDO M. SERAPIO, JR.
Commissioner


ATTY. JOB M. MANGENTE
Commissioner


ZENONIDA F. BROSAS
Commissioner

Commissioner

Attested by:


Dir. Myrna DP. Medina, Ph.D., CESE
Acting Deputy Executive Officer

