

Pay-As-You-Go refers to a business model that allows users to pay for their product via embedded consumer financing. A Paygo company will typically offer a solar product (predominantly solar home systems and multi-light pico devices) for which a customer makes a down payment, followed by regular payments for a term ranging from six months to eight years. Payments are usually made via mobile money, though there are alternative methods that include scratch cards, mobile airtime and cash. Micergy MP1 designed with **built-in metering and monitoring technology** allow the end-users to enjoy the advanced feature of the solar home system by paying in installment, rather than making full payment upfront. Besides, advanced encryption technology was adopted to minimize the risk of illegal tamper and theft to reduce the default rate for PAYG operators.



Concentrated Pay-As-You-Go

No need high upfront cost, lease to own model with embedded financing



Tamper-resistant

MCU program will self-destruct if violently opened



User Friendly Design

4 x 3 capacitive touch keypad with buzzer sound, 128*64 dot matrix LCD display with backlight



Exclusive Accessories

Two-way authentication, Triple protection



Anti-tampering
Screws



128*64 dot matrix
LCD display with
backlight



4 x 3 capacitive
touch keypad with
buzzer sound



Two-way
authentication
encryption



Software Agnostic
PAYG Hardware

GENERAL SPECIFICATIONS		MP1
Input Ports		1 x 9V/3A DC Input Port
		1 x 9V/3A AC Adaptor Input Port
Output Ports		1 x 5V/1A USB 2.0 Type A Output Port
		4 x 6V/0.4A Encrytped Lamp Port, Automatic detection
		1 x 6V/0.4A Encrytped Custom Port for LED Torch and FM Radio
Battery		Lithium Iron Phosphate, 26650 Type
		Battery Norminal Voltage, 6.4V
		Battery Capacity, 6600mAh
		Long Lifecycle @ High Charge & Discharge Rate
Solar Panel		Over Charge Protection for Individual Cells and Sets of Parallel-Connected Cells
		9V/15Wp @ STC
		6m Charging Cable
		Aluminum Frame
LED Lamp (150 lumen)		Dimension: 350*318*18mm
		Lumen Efficacy: 110lm/w @ High Setting
		Dimmable with 3 Brightness Level
		Encrypted Powering
		10m Cable
PAY-AS-YOU-GO		
LCD Display		128*64 dot matrix LCD display with backlight
		- Battery level: 1% to 100%
		- Remaining credit days: >N Days
		- Remaining battery usage time: >N Hours (Automatically calculated as per load plugged)
Keypad		- Device information, software version, manufacturer information, Fault warning information
		4 x 3 capacitive touch keypad with buzzer sound
		- High sensitivity, stability and reliability
		- Buzzer sound feedback when touching the keypad
PAYG Compatibility		- Remaining battery usage time: >N Hours (Automatically calculated as per load plugged)
		- Buzzer sound remind when the battery level is low
		Software Agnostic PAYG Hardware, Already Compatible with 3rd Party PAYG Software:
		- Angaza
	- Solaris	
	- Paygee	
		* Micergy can do compatible integration with any customized PAYG software
OPTIONAL ACCESSORIES		
FM Radio		FM 76-108MHz, 50cm Telescopic Rod Antenna, 3.7V/2000mAh, Encrypted Charging
LED Torch		100 lumen, 3-level Dimmable, 3.7V/2000mAh, Encrypted Charging

Micergy

Micergy Company Limited

Address: Building No.88, Liangtouwei Road, Qingxi Town, Dongguan City, Guangdong Province, China
Email: info@micergy.com ; Website: www.micergy.com

The Micergy word mark and logo are registered trade marks owned by Micergy Company Limited and its Subsidiaries.
All features, functionality and other product specifications are subject to change without notice or obligation.
© 2024 Micergy Co., Ltd. All rights reserved.

