

P M Family Part

M family Review

3



Star Products

GRAND UNVEILING OF IT-M SERIES

*IT-M3600 Series
Regenerative Power System*

*IT-M3100D Series
Dual-Channel Programmable
DC Power Supply*

*IT-M3900B Series
Regenerative Power System*

*IT-M7700 Series
AC Power Supply*

*IT-M3200 Series
High Accuracy DC Power Supply*

*IT-M3300 Series
Regenerative Electronic Load*

*IT-M3900C Series
Bidirectional Programmable
DC Power Supply*

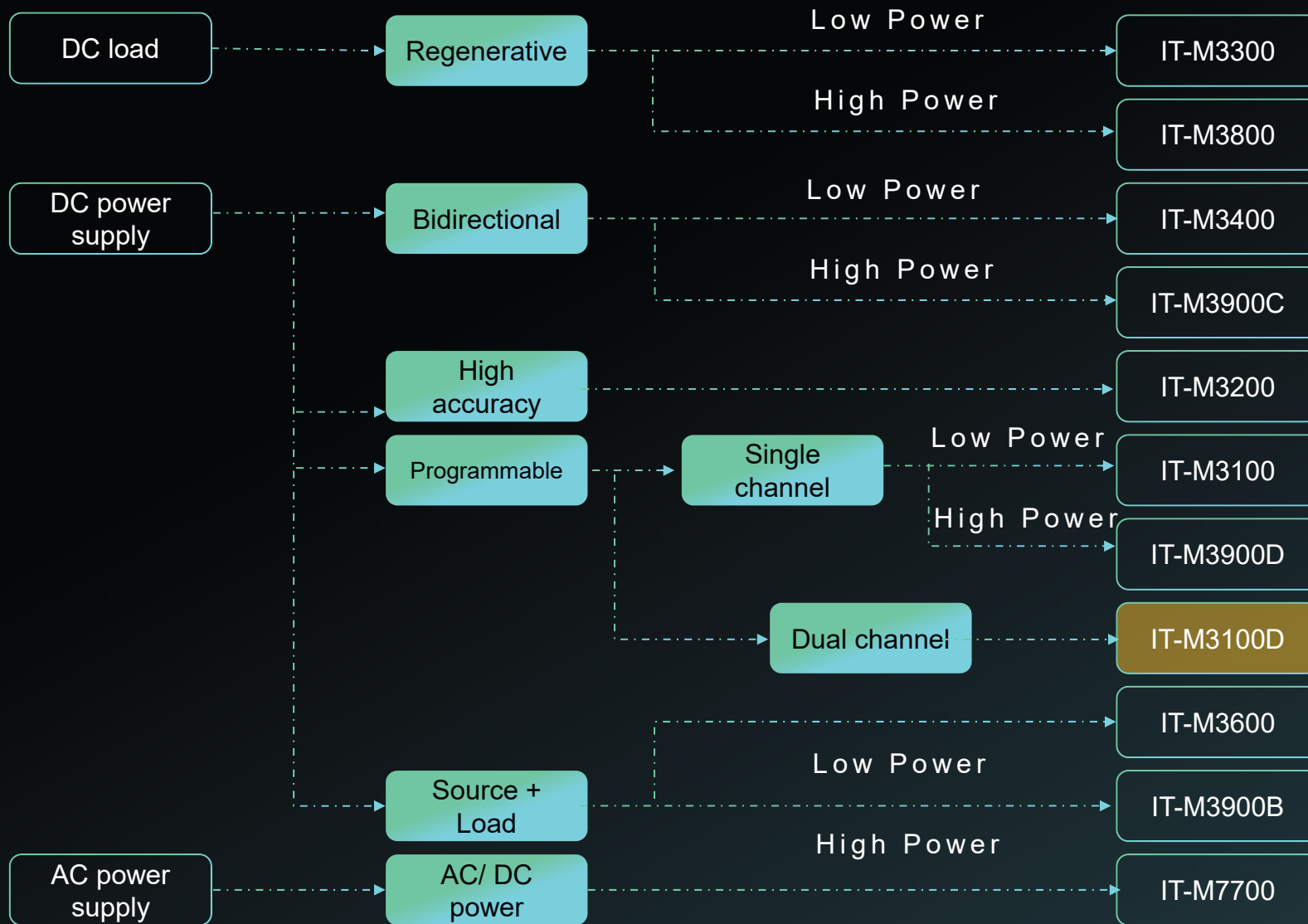
*IT-M3400 Series
Bidirectional DC Power Supply*

*IT-M3900D Series
High Power DC Power Supply*

*IT-M3800 Series
Regenerative DC Electronic Load*

*IT-M3100 Series
Ultra-Compact DC Power Supply*





M Family

Unique design

	IT-M3300	IT-M3400	IT-M3600	IT-M3100D	IT-M3200	IT-M3100
	Regenerative DC load	Bidirectional DC power supply	Regenerative power system	Dual channel DC power supply	High accuracy DC power supply	Wide-range DC power supply
Half-rack, 1U high	✓	✓	✓	✓	✓	✓
Modular design, leg-insert	✓	✓	✓	✓	✓	✓
IT-E154 rack mount kit	✓	✓	✓	✓	✓	✓
Interface options : RS232/CAN/LAN/ GPIB/USB/RS485/Analog IO	✓	✓	✓	✓	✓	✓
Temperature Measurement	✓	✓	✓			
Web Interface	✓	✓	✓	✓	✓	✓

Feature 1

	IT-M3300	IT-M3400	IT-M3600	IT-M3100D	IT-M3200	IT-M3100
	Regenerative DC load	Bidirectional DC power supply	Regenerative power system	Dual channel DC power supply	High accuracy DC power supply	Wide-range DC power supply
Voltage	60/150/300/600V	60/150/300/600V	60/150/300/600V	30/60V	60V	20/30/80/150/300/600V
Power	200/400/800W	200/400/800W	200/400/800W	200W/400W	100/200/360W	400/850W
Parallel	16 units	16 units	16 units			4 units
Multi-channel	✓	✓	✓	✓	✓	✓
Link	✓	✓	✓	✓	✓	✓
Auto range	✓	✓	✓	✓	✓	✓

Feature 2

	IT-M3300	IT-M3400	IT-M3600	IT-M3100D	IT-M3200	IT-M3100
	Regenerative DC load	Bidirectional DC power supply	Regenerative power system	Dual channel DC power supply	High accuracy DC power supply	Wide-range DC power supply
List	✓	✓	✓	✓	✓	✓
CC&CV priority		✓	✓	✓	✓	✓
One button switch			✓			
Current Seamless Switching		✓	✓			
High efficient power regeneration	✓	✓	✓			
Adjustable output IR	✓	✓	✓			

Feature 3

	IT-M3300	IT-M3400	IT-M3600	IT-M3100D	IT-M3200	IT-M3100
	Regenerative DC load	Bidirectional DC power supply	Regenerative power system	Dual channel DC power supply	High accuracy DC power supply	Wide-range DC power supply
Adjustable Voltage Up/Down time		✓	✓	✓	✓	✓
Adjustable Current Up/Down time	✓	✓	✓	✓	✓	✓
Four Current Measurement Range					✓	
Current Resolution 10nA					✓	
Output Mode	CC/CV/CP/CR	CC/CV/CP/CR	CC/CV/CP/CR	CC/CV/CP	CC/CV	CC/CV
CV+CC/ CC+CR/ CV+CR/ CV+CC+CP+CR	✓		✓			

Feature 4

	IT-M3300	IT-M3400	IT-M3600	IT-M3100D	IT-M3200	IT-M3100
	Regenerative DC load	Bidirectional DC power supply	Regenerative power system	Dual channel DC power supply	High accuracy DC power supply	Wide-range DC power supply
PV Simulation			✓			
Battery simulation		✓	✓			
Battery test		✓	✓			
Battery charging test		✓	✓			✓
Battery discharging test	✓		✓			
OBC Battery Voltage Simulation	✓		✓			

Full Protection

	IT-M3300	IT-M3400	IT-M3600	IT-M3100D	IT-M3200	IT-M3100
	Regenerative DC load	Bidirectional DC power supply	Regenerative power system	Dual channel DC power supply	High accuracy DC power supply	Wide-range DC power supply
OCP, OVP, OPP, over temperature protection	✓	✓	✓	✓	✓	✓
Sense protection	✓	✓	✓	✓	✓	✓
Foldback		✓	✓	✓	✓	✓
Power cut-off protection	✓	✓	✓			
Automatic detection of Grid state	✓	✓	✓			
Anti-reverse Connection	✓	✓	✓			